

EPA REGISTRATION NUMBER 81824-6 – VOL. 2

MATERIAL TO BE ADDED TO JACKET

REG #

81824-6

Description:

Notification for PRN 98-10

check all that apply	
<input type="checkbox"/>	new stamped accepted label
<input type="checkbox"/>	new CSF
<input checked="" type="checkbox"/>	notification

Send to CSC

Instructions:

Attach this sheet to the top of **ALL** material sent to the file room (both loose paper and new material in jackets). This sheet will be imaged; a clear description will aid in finding material in the e-jacket. Remove staples from all material. If returning loose paper then hold together with a binder or paper clip. CSFs should be placed in the CSF folder (if returning jacket) or covered with a red CBI sheet (if returning loose paper). Material to be returned to file room should be place in the appropriate bin.

Reviewer's
Name:

Melody Banks

Date:

8-18-10

Phone:

305-5413

Division:

RA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

AUG 18 2010

Mr. Ross Gilbert
Ensystex II, Inc
c/o Pyxis Regulatory Consulting, Inc.
4110 136th Street, NW
Gig Harbor, WA 98332

Subject: Label Notification(s) for Pesticide Registration 98-10

Dear Mr. Gilbert:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated for June 17, 2010

EPA Registration Number: 81824-6 MAXTHOR SC GC

The Registration Division (RD) has conducted a review of this request for applicability Under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Melody Banks on 703 305-5413.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Surez", with a stylized flourish at the end.

Mark Surez
Product Manager 13
Insecticide Branch
Registration Division (7504P)

Decision Seq: 435610	Action Code: 832,NOTIFICATION,30	...
FFS Start Date:	Tentative Ind: No	FFS Original Decision: ...
Due Date: 20-Jun-2010	75-Day Due Date:	FFS EJP Decision: ...
OPP Target Due Dt:		FFS Primary Decision: ...
Negotiated Due Dt:	Start/Stop Clock	FQPA Clock:
Registrant:		Days Elapsed:
Response Due Date:		
Current Status: PENDING (21-Jun-2010)		

Decision Comments	Payment	Unmatched Payments	75 Day Letters
Meetings & Milestones	FFS Information	FFS Negotiated Due Dates	OPP Target Due Date
Decision Ownership	Receipts	Data Package	Reduced Risk

Receipts	Staff Member	Reg/DCI Number	Submission Due Dt	Response
S:876798	Banks, Melody	81824-6	20-Jun-2010	PENDING
Notification per EPA letter dated June 4, 2009				

PYXIS REGULATORY CONSULTING, INC.

4110 136th St. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

May 18, 2010

COURIER DELIVERY

Richard Gebken (PM 10)
Document Processing Desk (**NOTIF-PYRETHROID**)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

RE: Ensystex II, Inc. – Maxthor SC GC (EPA Reg. No. 81824-6)
Revision to Environmental Hazards and Directions for Use per Environmental Hazard and
General Labeling for Pyrethroid Non-Agricultural Outdoor Products Notification EPA letter
dated June 4, 2009

Dear Mr. Gebken,

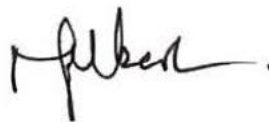
On behalf of Ensystex II, Inc. please find the enclosed label notification revising the environmental hazards language and directions for use for Maxthor SC GC per EPA's letter dated June 4, 2009.

In support of this notification submission, we submit the following documents:

1. Completed Application for Registration (EPA Form 8570-1)
2. One (1) copy of the Maxthor SC GC labeling with changes tracked
3. One (1) copy of the Maxthor SC GC labeling with changes incorporated
4. Certification with Respect to Label Integrity
5. One (1) copy of the Maxthor SC GC labeling on CD
6. Letter of Authorization

Please contact me by phone (253) 853-7369 or by email at Ross@PyxisRC.com if you have any questions or need any additional information.

Sincerely,



Ross Gilbert

Enclosures

cc: D. Nimocks; Ensystex II, Inc.



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 81824-6	2. EPA Product Manager R. Gebken	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) Ensystex II, Inc / Maxxthor SC GC	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Ensystex II, Inc c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION AUG 18 2010
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per June 4, 2009, letter from Environmental Protection Agency. This notification is consistent with the guidance in the June 4, 2009 letter and the requirements of EPA's regulations at 40 CFR part 156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR part 156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 3/4 gallon, 1 gallon, 5 gallons		5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Ross Gilbert	Title Agent	Telephone No. (Include Area Code) (253) 853-7569	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Agent		
4. Typed Name Ross Gilbert	5. Date 5/18/10		

There is an **ELECTRONIC LABEL** for this action

You can use Acrobat to compare the e-label to the previous version (and find the changes). You can also use Acrobat to mark-up the e-label with your comments.

If e-label was submitted via

CD-ROM with paper application

then you will find e-label in

Electronic Label Library

If the e-label is not found in the ELL then it was probably not named correctly and could not be entered into the ELL. However, the file can be retrieved from the CD which is retained by the Front End.

or

If e-label was submitted via

XML E-Submission (no paper)

then you will find e-label in

Documentum

See overview of processing e-labels on other side of this sheet.
If you have any questions on e-labels, please contact one of your division e-label experts:

AD	Willie Abney	308-1689
	Renae Whitaker	308-7003
	Tracy Lantz	308-6415
BPPD		
RD	Tom Harris	308-9423

RESTRICTED USE PESTICIDE

Toxic to Fish and Aquatic Organisms

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.



NOTIFICATION

AUG 18 2010

MAXTHOR SC GC

To control pests of turf and ornamentals on golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings.

Active Ingredient:	By Wt.
Bifenthrin*	7.9%
Other Ingredients:	92.1%
TOTAL:	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

EPA Reg. No. 81824-6 EPA Est. 68850-NC-001

Maxthor SC GC contains 2/3 pounds active ingredient per gallon.

STOP – Read the label before use
KEEP OUT OF REACH OF CHILDREN
CAUTION

DO NOT USE THIS PRODUCT ON GOLF COURSES IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK

(PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.)

(TO THE USER: If you cannot read and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR THOR (367-8467) or visit www.for-thor.com.

NET CONTENTS

ENSYSTEX II, Inc.

Fayetteville, NC 28303

FIRST AID

If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-(888)-398-3772 for emergency medical treatment information.

NOTE TO PHYSICIAN

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment: During mixing and applying the product wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind

or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies and drainage systems.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply by aircraft or through an irrigation or chemigation system. Do not allow spray to drift onto ponds, streams or lakes. Not for use on sod farms, nurseries or inside commercial green houses. Do not apply inside livestock barns.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made.

Do not water the treated area to the point of run-off.

Do not make applications during rain.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

(1) Treatment to soil or vegetation around structures;

(2) Applications to lawns, turf, and other vegetation;

(3) Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications, only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

litter or clay. Place damaged package in a holding container and identify contents. Contact Ensyslex II at 1-866-367-8467 or Chemtrec at 1-800-424-9300 for any assistance.

Application Use Rates Conversion

Use rates for Maxthor SC GC are stated in three different ways:

Pounds active ingredient per acre

Fluid ounces of Maxthor SC GC per acre

Fluid ounces of Maxthor SC GC per 1000 square feet.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Handle and open container in a manner so as to prevent spillage. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Spill: Confine it, avoid contact, isolate area and keep animals and unprotected persons away. Form dike around spill area and/or absorb spill with absorbent materials, such as sand, cat

Application Use Rate Conversion

Use the following formulas to convert between the three Maxthor SC GC use rates.

If you know pounds active ingredient you want to apply and you want to calculate the fluid ounces of Maxthor SC GC that contains this amount of active ingredient:

Fluid ounces Maxthor SC GC = Pounds active ingredient X 192

If you want to know the pounds active ingredient in any amount of Maxthor SC GC:

Pounds active ingredient = Fluid ounces Maxthor SC GC / 192

If you want to convert between fluid ounces per 1000 square feet and fluid ounces per acre (or vice versa):

Fluid ounces Maxthor SC GC per 1000 square feet = Fluid ounces Maxthor SC GC per acre / 43.56

Fluid ounces Maxthor SC GC per acre = Fluid ounces Maxthor SC GC per 1000 square feet X 43.56

APPLICATION FOR TURF PESTS

Maxthor SC GC controls a wide range of turfgrass insect and mite pests. Maxthor SC GC is not for use on turfgrass grown for sale, commercial seed production, for other commercial use or for research.

Application Sites

Permitted sites include golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings. **New York State only: Do not apply Maxthor SC GC containing solutions to grass or turf within 100 feet of a body of water (lake, pond, river, stream, wetland or drainage ditch).**

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply to water logged turf or to areas of soil that are water saturated.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

Do not make an application intended to control surface feeding pests if rain is forecast within 12 hours of the intended application completion time (or alternately, if rain is forecast between the intended application completion time and the time the application would be expected to have dried).

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small patch of a type of grass (with observations over one week to detect the occurrence of negative effects) before application of solutions to large areas of that type of grass.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods and Equipment

Apply solution as a broadcast treatment in a quantity sufficient to wet all foliage. If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing and cultural practices to control different types of pests.

When applying to turf, apply with ground application equipment only. Use the largest nozzle size that still provides adequate coverage. Application nozzles should be within two feet of the ground during discharge of the solution.

Reapplication

Reapplications may be necessary particularly in the event of high pest pressure. Reapply as needed based on pest reinfestation however do not exceed the pounds active ingredient per acre yearly application limits. **New York State only: Do make a single reapplication of Maxthor SC GC if there is renewed insect activity, but not sooner than two weeks after first application.**

Turf Application Use Rates and Volumes

Use rates for Maxthor SC GC for turf pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet and fluid ounces of Maxthor SC GC per acre.

Apply Maxthor SC GC at 0.25 to 1.0 fluid ounces per 1000 square feet (10 to 40 fluid ounces per acre) depending on the use rate(s) for the target pest. Recommended rates for specific pests within this range are given below.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made per year.

Depending on the length and/or density of grass being treated, application volumes of up to 10 gallons per 1000 square feet can be made in order to obtain uniform coverage. If a minimal volume application is made (2 gallons per 1000 square feet) and the target pest, such as mole crickets or chinch bugs for example, are located in the thatch or below the surface, irrigate the treated area with at least 0.25 inches of water immediately after the application.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rates are not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate in excess of the maximum label rate.

Turf Pest Application Use Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 0.5 fluid ounce of Maxthor SC GC per 1000 square feet (20 fluid ounces per acre) can be used to control any of the listed pests. Use the higher application rates when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Turf Applications			
Use Rate	Pounds active ingredient per acre	Ounces Maxthor SC GC per acre	Ounces Maxthor SC GC per 1000 sq. feet
A	0.05	10.0	0.25
B	0.05→0.10	10→20	0.25→0.50
C	0.10	20	0.50
D	0.20	40	1.0

Turf Pests Grouped by Use Rates

Use Rate A: Armyworms, Cutworms, Sod Webworms

Use Rate B: Annual Bluegrass or Hyperodes Waggail (Adult), Ants, Billbugs (Adult), Black Turfgrass Ataenius (Adult), Centipede, Chinch Bug, Cricket, Earwigs, Fleas (Adult), Grasshoppers, Leafhoppers, Mealybugs, Millipedes, Mites, Mole Cricket (Nymph and Adult), Pillbugs, Sowbugs

Use Rate C: Fleas (Larvae), Imported Fire Ant, Japanese Beetle (Adult), Mole Cricket, Ticks

Use Rate D: Ants, Imported Fire Ant, Mole Cricket (Nymph and Adult). This use rate applicable only when infestations are widespread

Mixing Table for Maxthor SC GC for Turf Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Pounds AI per Acre	Use these amounts of Maxthor SC GC (fluid ounces) diluted to these volumes (gallons) of finished spray		
		10 gal.	25 gal.	100 gal.
0.5	0.05	5.0	12.5	50.0
	0.1	10.0	25.0	100.0
	0.2	20.0	50.0	200.0
1	0.05	2.5	6.25	25.0
	0.1	5.0	12.5	50.0
	0.2	10.0	25.0	100.0
2.3 (100 gallons per acre)	0.05	1.1	5.4	10.9
	0.1	2.2	10.9	21.7
	0.2	4.4	21.7	43.5

Calculating Amounts of Maxthor SC GC to Mix for Turf Pests

Determine any amount of Maxthor SC GC to mix and apply for turf pests as follows:

Calculate for an area measured in square feet

A = Square feet of area to be treated / 1000 (5,500 sq. ft. / 1000 = 5.5)

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per 1000 square feet taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Calculate for an area measured in acres

A = Number of acres to be treated

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per acre taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Turf Pests

Annual Bluegrass or Hyperodes Weevil (Adult): Consult your Cooperative Extension Service for advice on application timing in your area.

Armyworms, Cutworms, Sod Webworms: Do not water or mow grass within 24 hours of application for optimum control of these surface feeding insects.

Billbug Adults: Make application when adults first appear in the spring or when chewed or brown grass indicates damage. Consult your Cooperative Extension Service for advice on more exact application timing in your area.

Chinch Bugs: Water grass immediately after application to help move active ingredient deeper into thatch where these insects live. The highest application rate may be necessary to achieve control during the summer.

Imported Fire Ant: Combine broadcast treatments to control newly invading ants and mound treatments to eliminate existing ant colonies. Treat mounds according to the *Application for Structural Pests Outside and Around Structures* section of this label. For best results, make application during cool weather (65 to 80 degrees F) or in the early morning or late evening.

Mole Crickets: Make application late in the day and water grass immediately after application to move treatment down into the grass where these insects live. If soil is not moist, water before treatment also to bring crickets closer to surface before application. Treating at the time of peak egg hatch increases control of hatching nymphs. Frequent applications may be necessary to control larger nymphs later in the year.

Ticks: (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever) - Treat the entire area where ticks could be present. Begin treatments in the spring. Ticks may be re-introduced by host animals in the surrounding area. Retreats may be necessary to achieve and maintain control during periods of high pest pressure.

APPLICATION FOR ORNAMENTAL PESTS

Maxthor SC GC controls a wide range of insects and mites on trees, shrubs, foliage plants, non-bearing fruit and nut trees and flowers. Non-bearing trees are perennial plants that will not produce a harvestable agricultural commodity within the next 12 months. Maxthor SC GC is not for use on plants being grown for sale, for commercial seed production or for research purposes.

Application Sites

For use on ornamental plants including but not limited to trees, shrubs, ground covers, bedding plants and foliage plants being used for decorative or climate modification purposes. Permitted sites include golf courses, ornamental gardens, parks, grounds, landscapes and interior landscapes on and around residential, commercial, industrial and public buildings.

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small number of a type of plant (with observations over one week to detect the occurrence of negative effects) before application of solution to large numbers of that type of plant.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the label rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods

Apply solution in a quantity sufficient to wet all foliage as a full coverage foliar spray. It may also be necessary to treat non-foliage parts of plants such as trunks and bark to control some pests based on where the pest may be located on the plant at a particular life stage.

If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing, cultural practices and placement of treatment on different parts of plants to control different pests.

Reapplication

Reapplications may be necessary as plant growth occurs and new foliage appears or in the event of high pest pressure. Reapply as needed based on pest re-infestation.

Ornamental Application Use Rates and Volumes

Use rates for Maxthor SC GC for ornamental pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet.

Recommended ornamental application use rates based on the target pest, range between 0.125 to 1.0 fluid ounce of Maxthor SC GC per 1,000 square feet. Recommended rates for specific pests within this range are given below. However, applications of up to 1.0 fluid ounce per 1000 square feet are permitted at the discretion of the applicator to control any pest.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rate of 1.0 fluid ounce per 1000 feet is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such underdosing will not result in an application rate per 1000 square feet in excess of the maximum label rate. Typical application volume is 100 gallons per acre.

Ornamental Pest Application Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 1 fluid ounce of Maxthor SC GC per 1000 square feet can be used to control any of the listed pests. Use the higher application rate when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Ornamental Applications	
Use Rate	Fluid ounces Maxthor SC GC per 1,000 square feet (Range)
A	0.125⇒0.250
B	0.250⇒0.500
C	0.500⇒1.000

Ornamental Pests Grouped by Use Rates

Use Rate A: Aphids, Bagworms, Cutworms, Elm Leaf Beetle, Fall Webworm, Lace Bug, Leaf Feeding Caterpillar, Plant Bugs (*Lygus spp.*) Tent Caterpillar

Use Rate B: Beet Armyworm, Black Vine Weevil (Adult), Brown Soft Scale, Broad Mite, Budworms, California Red Scale (Crawler), Centipedes, Citrus Thrip, Clover Mite, Crickets, Diaprepes (Adult), Earwig, European Red Mite, Flea Beetles, Fungus Gnat (Adult), Grasshoppers, Gypsy Moth Caterpillar, Leafhoppers, Leafrollers, Mealybugs, Millipedes, Mites, Orchid Weevil, Pillbugs, Pine Needle Scale (Crawlers), San Jose Scale (Crawlers), Sowbugs, Spider Mites, Spiders, Thrips, Tip Moth, Twig Borers, Wasps, Weevils, Whiteflies

Use Rate C: Ants, Imported Fire Ant, Japanese Beetle (Adult), Leafminers, Pecan Leaf Scorch Mite, Pine Shoot Beetle (Adults)

Mixing Table for Maxthor SC GC for Ornamental Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Fluid oz. / 1000 sq. ft.	Use these amounts of Maxthor SC GC diluted to these volumes of finished spray		
		5 gal.	10 gal.	25 gal.
2	0.125	0.21	0.63	1.56
	0.250	0.63	1.25	3.13
	0.500	1.25	2.50	6.25
	1.000	2.50	5.00	12.50
5	0.125	0.13	0.25	0.63
	0.250	0.25	0.50	1.25
	0.500	0.50	1.00	2.50
	1.000	1.00	2.00	5.00
10	0.125	--	0.13	0.31
	0.250	--	0.25	0.63
	0.500	--	0.50	1.25
	1.000	--	1.00	2.50

Calculating Amounts of Maxthor SC GC to Mix for Ornamental Pests

To mix and apply any amount of Maxthor SC GC for ornamental pests, determine:

A = Square feet of area to be treated /1000 (5,500 sq. ft. /1000 = 5.5)

B = Use Rate per 1000 square feet for the target pest(s) in fluid ounces Maxthor SC GC taken from the Use Rate Table. If treating for more than one pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for ornamental pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Ornamental Pests

Bagworms: Spray when bagworms first begin to hatch. Apply directly to the larvae. Treatment is most effective against young larvae.

APPLICATION FOR STRUCTURAL PESTS OUTSIDE AND AROUND STRUCTURES

Maxthor SC GC controls a wide range of structural pests including nuisance pests outside of structures. Maxthor SC GC can be applied on or around any type of residential, commercial, industrial or public structure or building. Permitted sites include the exterior of homes, apartments, office buildings, industrial buildings and stores.

Dilution of Maxthor SC GC for Structural Pests

For structural pests, use rates for Maxthor SC GC are expressed and mixed according to the percentage (%) concentration solution it forms when mixed in water. Each 0.166 fluid ounce (1 teaspoon) of Maxthor SC GC that is added to one gallon of water increases the concentration of Maxthor SC GC in that one gallon of water by 0.01%. For example, to make a 0.06% solution in one gallon of water, mix 1 fluid ounce (6 teaspoons) of Maxthor SC GC in one gallon of water. Use the conversion table and formulas below to determine the amount of Maxthor SC GC to add to any quantity of water.

Mixing Table for Maxthor SC GC for Structural Pests		
% to mix	Fluid ounces to add per gallon to mix this %	Teaspoons to add per gallon to mix this %
0.03	0.500	3
0.04	0.666	4
0.05	0.833	5
0.06	1.000	6

29.57 milliliters = 2 tablespoons = 6 teaspoons = 1 Fluid ounce

Calculating Amount of Maxthor SC GC to Mix for Structural Pests

Calculate the amount of Maxthor SC GC to mix for structural pests as follows:

A = Volume of water, in gallons, into which the Maxthor SC GC will be mixed. Express any partial gallons as decimal fractions (1/2 = .5)

B = Fluid ounces (or tablespoons) Maxthor SC GC per gallon from Mixing Table. Select the desired % concentration based on the site of application and the pest(s) to be controlled. Read across to find amount of Maxthor SC GC to add per gallon in fluid ounces or teaspoons.

Fluid ounces (or teaspoons) Maxthor SC GC to mix = A X B

Mix this amount of Maxthor SC GC in the predetermined amount of water (A). Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

Pests Controlled

Ants (including Fire Ant), Bees, Biting Flies, Boxelder Bug, Centipedes, Crickets, Earwigs, Elm Leaf Beetle, Firebrats, Fleas, Flies, Millipedes, Mosquitoes, Pillbugs, Roaches (including Cockroaches), Silverfish, Sowbugs, Spiders, Ticks (including Brown Dog Tick) and Wasps.

Application Methods

Apply Maxthor SC GC as a solution in the form of a general surface, spot, crack and crevice, pinstream or coarse spray. Do not apply as a space spray.

Application Use Rates and Volumes

Use a 0.03% to 0.06% solution of Maxthor SC GC. Use a spray volume of up to 10 gallons of solution per 1,000 square feet. Higher application volumes may be used if necessary to sufficiently wet vegetation and landscaping with the spray solution.

Re-Application

Treatments should not be repeated more often than once every 7 days. The best efficacy and longest residual control is achieved when the highest concentration is used.

Application Locations

Apply spray to the exterior surfaces of structures and to grounds, lawns, landscaping, plants and hard surface areas adjacent to structures. Can also be applied to any areas where pests congregate or have been seen.

Perimeter Band Treatment

To help prevent pest infestation of structures, create a treated zone or band on the structure, soil and vegetation around the entire perimeter of a structure. Apply solution to all surfaces within a band beginning 6 to 10 feet from the exterior foundation of the structure that extends back to the structure and then continues 2 to 3 feet up the exterior surface of the structure from the ground. Application volume will depend upon the nature of the surface being treated. Mulch areas, for example, require more volume and hard surface areas requiring less.

Control of Specific Structural Pests Outdoors

Ants (Nuisance ants other than Carpenter Ants) Outdoors: To achieve the highest level of control, locate and directly treat ant nests. Apply solution to ant trails, around doors and windows and at points where ants can be expected to forage or congregate.

For Ant (including Fire Ant) Mounds: Treat mounds and area within a 2 foot radius of the center of the mound with 1-2 gallons of a 0.06% solution. When mounds exceed 12 inches in size use the highest volume of solution. Applications in cool weather (65 to 80 degrees F) or the cooler parts of the day are most effective. Do not apply treatment during the heat of the day.

Bees, Wasps, Hornets, and Yellow Jackets: Always use the highest rate. Make application in late evening when insects are at rest at the nest for best results and to avoid stings. Spray nest openings in ground, in bushes and wherever insects may be nesting. Spray to the point of saturation. Spray as many insects as possible. Remove and destroy treated nests to prevent emergence of newly hatched insects.

Boxelder Bug: Apply directly to where insects have congregated at points of entry. It may be necessary to also treat trees.

Centipedes, Earwigs, Beetles, Millipedes, Pillbugs, Sowbugs: Thoroughly treat mulch areas. The reduction of moisture in mulch areas may also aid in control of these pests.

Mosquitoes: Apply solution to lawns and landscaping, under decks and to building foundations. Refer to APPLICATIONS FOR ORNAMENTAL PESTS section for mixing and applying large amounts of solution against mosquitoes.

Fleas and Ticks: Treat the entire area where insects could be present. Begin treatments in the spring. Insects may be re-introduced by host animals in the surrounding area. Retreatment may be necessary to achieve and maintain control during periods of high pest pressure.

IMPREGNATION OF MAXTHOR SC GC ON DRY BULK FERTILIZERS

For convenience, Maxthor SC GC may be impregnated on dry bulk fertilizers. Maxthor SC GC should be proportionally mixed into the fertilizer such that when the fertilizer is applied, the amount of Maxthor SC GC active ingredient delivered per unit of area using this method is identical to that achieved when Maxthor SC GC is applied mixed in water.

Impregnation: Use at least 100 pounds of fertilizer to deliver Maxthor SC to each acre of treated area. Impregnate Maxthor SC GC into the fertilizer using a method proven to distribute a liquid solution evenly throughout a dry bulk substance such as a rotary mixer equipped with a spray apparatus designed to uniformly apply a liquid evenly to a tumbling mass.

Choose the fertilizer to mix with Maxthor SC GC based on local turf fertilizer requirements. There may be differences in the capacity of fertilizers to absorb the amount of liquid necessary to deliver the Maxthor SC GC to the fertilizer. When the fertilizer can absorb all of the liquid, no additional precautions are needed to obtain a satisfactory dry mixture. If the absorptive capacity of the chosen fertilizer is insufficient to absorb the amount of water needed to correctly mix the Maxthor SC GC with the fertilizer and remain dry, the excess moisture may be removed by mixing a highly absorptive powder (such as Microcel E made by the John Mansville Corporation) into the fertilizer at a rate of 2% of the weight of the fertilizer or less. **DO NOT** impregnate straight coated ammonium nitrate or straight limestone with Maxthor SC GC as these materials will not absorb the insecticide. However, dry fertilizer blends that contain mixtures of these ingredients may be impregnated with Maxthor SC GC.

Bulk fertilizer impregnated with Maxthor SC GC should be applied immediately, not stored. All individual Federal and State regulations relating to the blending, labeling and use of fertilizer mixtures should be followed and no directions contained here should be interpreted as a waiver of these requirements.

IMPORTANT READ BEFORE USE

NOTICE: Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

CONDITIONS OF SALE: The Directions for Use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond the control of Ensystem II, Inc., it is impossible for Ensystem II to eliminate all risks associated with the use of this product such as ineffectiveness or unintended consequences. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Ensystem II harmless for any claims relating to such factors.

DISCLAIMER OF WARRANTIES: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when used in accordance with the Directions for Use under normal conditions of use. ENSYSTEM II MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, under abnormal conditions or under conditions not reasonably foreseeable by (or beyond the control of) seller or Ensystem II, Inc., and buyer assumes the risk of any such use.

LIMITATIONS OF LIABILITY: To the extent permitted by law, Ensystem II shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENSYSTEM II AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT,

NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENSYSTEM II, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

Maxthor is a registered trademark of Ensystem II, Inc.

EPA 20100518

RESTRICTED USE PESTICIDE

Toxic to Fish and Aquatic Organisms

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.



NOTIFICATION

AUG 18 2010

MAXTHOR SC GC

To control pests of turf and ornamentals on golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings.

Active Ingredient:	By Wt.
Bifenthrin*	7.9%
Other Ingredients:	92.1%
TOTAL:	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

EPA Reg. No. 81824-6 EPA Est. 68850-NC-001

Maxthor SC GC contains 2/3 pounds active ingredient per gallon.

STOP – Read the label before use

KEEP OUT OF REACH OF CHILDREN

CAUTION

DO NOT USE THIS PRODUCT ON GOLF COURSES IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK

(PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.)

(TO THE USER: If you cannot read and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR THOR (367-8467) or visit www.for-thor.com.

NET CONTENTS

ENSYSTEX II, Inc.

Fayetteville, NC 28303

FIRST AID

If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-(888)-398-3772 for emergency medical treatment information.

NOTE TO PHYSICIAN

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment: During mixing and applying the product wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind

or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies and drainage systems.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply by aircraft or through an irrigation or chemigation system. Do not allow spray to drift onto ponds, streams or lakes. Not for use on sod farms, nurseries or inside commercial green houses. Do not apply inside livestock barns.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made.

Do not water the treated area to the point of run-off.

Do not make applications during rain.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

(1) Treatment to soil or vegetation around structures;

(2) Applications to lawns, turf, and other vegetation;

(3) Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications, only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

litter or clay. Place damaged package in a holding container and identify contents. Contact Ensystex II at 1-866-367-8467 or Chemtrec at 1-800-424-9300 for any assistance.

Application Use Rates Conversion

Use rates for Maxthor SC GC are stated in three different ways:

Pounds active ingredient per acre

Fluid ounces of Maxthor SC GC per acre

Fluid ounces of Maxthor SC GC per 1000 square feet.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Handle and open container in a manner so as to prevent spillage. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Spill: Confine it, avoid contact, isolate area and keep animals and unprotected persons away. Form dike around spill area and/or absorb spill with absorbent materials, such as sand, cat

Application Use Rate Conversion

Use the following formulas to convert between the three Maxthor SC GC use rates.

If you know pounds active ingredient you want to apply and you want to calculate the fluid ounces of Maxthor SC GC that contains this amount of active ingredient:

Fluid ounces Maxthor SC GC = Pounds active ingredient X 192

If you want to know the pounds active ingredient in any amount of Maxthor SC GC:

Pounds active ingredient = Fluid ounces Maxthor SC GC / 192

If you want to convert between fluid ounces per 1000 square feet and fluid ounces per acre (or vice versa):

Fluid ounces Maxthor SC GC per 1000 square feet = Fluid ounces Maxthor SC GC per acre / 43.56

Fluid ounces Maxthor SC GC per acre = Fluid ounces Maxthor SC GC per 1000 square feet X 43.56

APPLICATION FOR TURF PESTS

Maxthor SC GC controls a wide range of turfgrass insect and mite pests. Maxthor SC GC is not for use on turfgrass grown for sale, commercial seed production, for other commercial use or for research.

Application Sites

Permitted sites include golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings. **New York State only: Do not apply Maxthor SC GC containing solutions to grass or turf within 100 feet of a body of water (lake, pond, river, stream, wetland or drainage ditch).**

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply to water logged turf or to areas of soil that are water saturated.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

Do not make an application intended to control surface feeding pests if rain is forecast within 12 hours of the intended application completion time (or alternately, if rain is forecast between the intended application completion time and the time the application would be expected to have dried).

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small patch of a type of grass (with observations over one week to detect the occurrence of negative effects) before application of solutions to large areas of that type of grass.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods and Equipment

Apply solution as a broadcast treatment in a quantity sufficient to wet all foliage. If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing and cultural practices to control different types of pests.

When applying to turf, apply with ground application equipment only. Use the largest nozzle size that still provides adequate coverage. Application nozzles should be within two feet of the ground during discharge of the solution.

Reapplication

Reapplications may be necessary particularly in the event of high pest pressure. Reapply as needed based on pest reinfestation however do not exceed the pounds active ingredient per acre yearly application limits. **New York State only: Do make a single reapplication of Maxthor SC GC if there is renewed insect activity, but not sooner than two weeks after first application.**

Turf Application Use Rates and Volumes

Use rates for Maxthor SC GC for turf pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet and fluid ounces of Maxthor SC GC per acre.

Apply Maxthor SC GC at 0.25 to 1.0 fluid ounces per 1000 square feet (10 to 40 fluid ounces per acre) depending on the use rate(s) for the target pest. Recommended rates for specific pests within this range are given below.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made per year.

Depending on the length and/or density of grass being treated, application volumes of up to 10 gallons per 1000 square feet can be made in order to obtain uniform coverage. If a minimal volume application is made (2 gallons per 1000 square feet) and the target pest, such as mole crickets or chinch bugs for example, are located in the thatch or below the surface, irrigate the treated area with at least 0.25 inches of water immediately after the application.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rates are not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate in excess of the maximum label rate.

Turf Pest Application Use Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 0.5 fluid ounce of Maxthor SC GC per 1000 square feet (20 fluid ounces per acre) can be used to control any of the listed pests. Use the higher application rates when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Turf Applications			
Use Rate	Pounds active ingredient per acre	Ounces Maxthor SC GC per acre	Ounces Maxthor SC GC per 1000 sq. feet
A	0.05	10.0	0.25
B	0.05⇒0.10	10⇒20	0.25⇒0.50
C	0.10	20	0.50
D	0.20	40	1.0

Turf Pests Grouped by Use Rates

Use Rate A: Armyworms, Cutworms, Sod Webworms

Use Rate B: Annual Bluegrass or Hyperodes Weevil (Adult), Ants, Billbugs (Adult), Black Turfgrass Ataenius (Adult), Centipede, Chinch Bug, Cricket, Earwigs, Fleas (Adult), Grasshoppers, Leafhoppers, Mealybugs, Millipedes, Mites, Mole Cricket (Nymph and Adult), Pillbugs, Sowbugs

Use Rate C: Fleas (Larvae), Imported Fire Ant, Japanese Beetle (Adult), Mole Cricket, Ticks

Use Rate D: Ants, Imported Fire Ant, Mole Cricket (Nymph and Adult). This use rate applicable only when infestations are widespread

Mixing Table for Maxthor SC GC for Turf Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Pounds AI per Acre	Use these amounts of Maxthor SC GC (fluid ounces) diluted to these volumes (gallons) of finished spray		
		10 gal.	25 gal.	100 gal.
0.5	0.05	5.0	12.5	50.0
	0.1	10.0	25.0	100.0
	0.2	20.0	50.0	200.0
1	0.05	2.5	6.25	25.0
	0.1	5.0	12.5	50.0
	0.2	10.0	25.0	100.0
2.3 (100 gallons per acre)	0.05	1.1	5.4	10.9
	0.1	2.2	10.9	21.7
	0.2	4.4	21.7	43.5

Calculating Amounts of Maxthor SC GC to Mix for Turf Pests

Determine any amount of Maxthor SC GC to mix and apply for turf pests as follows:

Calculate for an area measured in square feet

A = Square feet of area to be treated / 1000 (5,500 sq. ft. / 1000 = 5.5)

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per 1000 square feet taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Calculate for an area measured in acres

A = Number of acres to be treated

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per acre taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Turf Pests

Annual Bluegrass or Hyperodes Weevil (Adult): Consult your Cooperative Extension Service for advice on application timing in your area.

Armyworms, Cutworms, Sod Webworms: Do not water or mow grass within 24 hours of application for optimum control of these surface feeding insects.

Billbug Adults: Make application when adults first appear in the spring or when chewed or brown grass indicates damage. Consult your Cooperative Extension Service for advice on more exact application timing in your area.

Chinch Bugs: Water grass immediately after application to help move active ingredient deeper into thatch where these insects live. The highest application rate may be necessary to achieve control during the summer.

Imported Fire Ant: Combine broadcast treatments to control newly invading ants and mound treatments to eliminate existing ant colonies. Treat mounds according to the *Application for Structural Pests Outside and Around Structures* section of this label. For best results, make application during cool weather (65 to 80 degrees F) or in the early morning or late evening.

Mole Crickets: Make application late in the day and water grass immediately after application to move treatment down into the grass where these insects live. If soil is not moist, water before treatment also to bring crickets closer to surface before application. Treating at the time of peak egg hatch increases control of hatching nymphs. Frequent applications may be necessary to control larger nymphs later in the year.

Ticks: (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever) - Treat the entire area where ticks could be present. Begin treatments in the spring. Ticks may be re-introduced by host animals in the surrounding area. Retreats may be necessary to achieve and maintain control during periods of high pest pressure.

APPLICATION FOR ORNAMENTAL PESTS

Maxthor SC GC controls a wide range of insects and mites on trees, shrubs, foliage plants, non-bearing fruit and nut trees and flowers. Non-bearing trees are perennial plants that will not produce a harvestable agricultural commodity within the next 12 months. Maxthor SC GC is not for use on plants being grown for sale, for commercial seed production or for research purposes.

Application Sites

For use on ornamental plants including but not limited to trees, shrubs, ground covers, bedding plants and foliage plants being used for decorative or climate modification purposes. Permitted sites include golf courses, ornamental gardens, parks, grounds, landscapes and interior plantscapes on and around residential, commercial, industrial and public buildings.

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small number of a type of plant (with observations over one week to detect the occurrence of negative effects) before application of solution to large numbers of that type of plant.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the label rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods

Apply solution in a quantity sufficient to wet all foliage as a full coverage foliar spray. It may also be necessary to treat non-foliage parts of plants such as trunks and bark to control some pests based on where the pest may be located on the plant at a particular life stage.

If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing, cultural practices and placement of treatment on different parts of plants to control different pests.

Reapplication

Reapplications may be necessary as plant growth occurs and new foliage appears or in the event of high pest pressure. Reapply as needed based on pest re-infestation.

Ornamental Application Use Rates and Volumes

Use rates for Maxthor SC GC for ornamental pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet.

Recommended ornamental application use rates based on the target pest, range between 0.125 to 1.0 fluid ounce of Maxthor SC GC per 1,000 square feet. Recommended rates for specific pests within this range are given below. However, applications of up to 1.0 fluid ounce per 1000 square feet are permitted at the discretion of the applicator to control any pest.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rate of 1.0 fluid ounce per 1000 feet is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such underdosing will not result in an application rate per 1000 square feet in excess of the maximum label rate. Typical application volume is 100 gallons per acre.

Ornamental Pest Application Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 1 fluid ounce of Maxthor SC GC per 1000 square feet can be used to control any of the listed pests. Use the higher application rate when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Ornamental Applications	
Use Rate	Fluid ounces Maxthor SC GC per 1,000 square feet (Range)
A	0.125⇒0.250
B	0.250⇒0.500
C	0.500⇒1.000

Ornamental Pests Grouped by Use Rates

Use Rate A: Aphids, Bagworms, Cutworms, Elm Leaf Beetle, Fall Webworm, Lace Bug, Leaf Feeding Caterpillar, Plant Bugs (*Lygus spp.*) Tent Caterpillar

Use Rate B: Beet Armyworm, Black Vine Weevil (Adult), Brown Soft Scale, Broad Mite, Budworms, California Red Scale (Crawler), Centipedes, Citrus Thrip, Clover Mite, Crickets, Diaprepes (Adult), Earwig, European Red Mite, Flea Beetles, Fungus Gnat (Adult), Grasshoppers, Gypsy Moth Caterpillar, Leafhoppers, Leafrollers, Mealybugs, Millipedes, Mites, Orchid Weevil, Pillbugs, Pine Needle Scale (Crawlers), San Jose Scale (Crawlers), Sowbugs, Spider Mites, Spiders, Thrips, Tip Moth, Twig Borers, Wasps, Weevils, Whiteflies

Use Rate C: Ants, Imported Fire Ant, Japanese Beetle (Adult), Leafminers, Pecan Leaf Scorch Mite, Pine Shoot Beetle (Adults)

Mixing Table for Maxthor SC GC for Ornamental Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Fluid oz. / 1000 sq. ft.	Use these amounts of Maxthor SC GC diluted to these volumes of finished spray		
		5 gal.	10 gal.	25 gal.
2	0.125	0.31	0.63	1.56
	0.250	0.63	1.25	3.13
	0.500	1.25	2.50	6.25
	1.000	2.50	5.00	12.50
5	0.125	0.13	0.25	0.63
	0.250	0.25	0.50	1.25
	0.500	0.50	1.00	2.50
	1.000	1.00	2.00	5.00
10	0.125	--	0.13	0.31
	0.250	--	0.25	0.63
	0.500	--	0.50	1.25
	1.000	--	1.00	2.50

Calculating Amounts of Maxthor SC GC to Mix for Ornamental Pests

To mix and apply any amount of Maxthor SC GC for ornamental pests, determine:

A = Square feet of area to be treated /1000 (5,500 sq. ft. /1000 = 5.5)

B = Use Rate per 1000 square feet for the target pest(s) in fluid ounces Maxthor SC GC taken from the Use Rate Table. If treating for more than one pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for ornamental pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Ornamental Pests

Bagworms: Spray when bagworms first begin to hatch. Apply directly to the larvae. Treatment is most effective against young larvae.

APPLICATION FOR STRUCTURAL PESTS OUTSIDE AND AROUND STRUCTURES

Maxthor SC GC controls a wide range of structural pests including nuisance pests outside of structures. Maxthor SC GC can be applied on or around any type of residential, commercial, industrial or public structure or building. Permitted sites include the exterior of homes, apartments, office buildings, industrial buildings and stores.

Dilution of Maxthor SC GC for Structural Pests

For structural pests, use rates for Maxthor SC GC are expressed and mixed according to the percentage (%) concentration solution it forms when mixed in water. Each 0.166 fluid ounce (1 teaspoon) of Maxthor SC GC that is added to one gallon of water increases the concentration of Maxthor SC GC in that one gallon of water by 0.01%. For example, to make a 0.06% solution in one gallon of water, mix 1 fluid ounce (6 teaspoons) of Maxthor SC GC in one gallon of water. Use the conversion table and formulas below to determine the amount of Maxthor SC GC to add to any quantity of water.

Mixing Table for Maxthor SC GC for Structural Pests		
% to mix	Fluid ounces to add per gallon to mix this %	Teaspoons to add per gallon to mix this %
0.03	0.500	3
0.04	0.666	4
0.05	0.833	5
0.06	1.000	6

29.57 milliliters = 2 tablespoons = 6 teaspoons = 1 Fluid ounce

Calculating Amount of Maxthor SC GC to Mix for Structural Pests

Calculate the amount of Maxthor SC GC to mix for structural pests as follows:

A = Volume of water, in gallons, into which the Maxthor SC GC will be mixed. Express any partial gallons as decimal fractions (1/2 = .5)

B = Fluid ounces (or tablespoons) Maxthor SC GC per gallon from Mixing Table. Select the desired % concentration based on the site of application and the pest(s) to be controlled. Read across to find amount of Maxthor SC GC to add per gallon in fluid ounces or teaspoons.

Fluid ounces (or teaspoons) Maxthor SC GC to mix = A X B

Mix this amount of Maxthor SC GC in the predetermined amount of water (A). Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

Pests Controlled

Ants (including Fire Ant), Bees, Biting Flies, Boxelder Bug, Centipedes, Crickets, Earwigs, Elm Leaf Beetle, Firebrats, Fleas, Flies, Millipedes, Mosquitoes, Pillbugs, Roaches (including Cockroaches), Silverfish, Sowbugs, Spiders, Ticks (including Brown Dog Tick) and Wasps.

Application Methods

Apply Maxthor SC GC as a solution in the form of a general surface, spot, crack and crevice, pinstream or coarse spray. Do not apply as a space spray.

Application Use Rates and Volumes

Use a 0.03% to 0.06% solution of Maxthor SC GC. Use a spray volume of up to 10 gallons of solution per 1,000 square feet. Higher application volumes may be used if necessary to sufficiently wet vegetation and landscaping with the spray solution.

Re-Application

Treatments should not be repeated more often than once every 7 days. The best efficacy and longest residual control is achieved when the highest concentration is used.

Application Locations

Apply spray to the exterior surfaces of structures and to grounds, lawns, landscaping, plants and hard surface areas adjacent to structures. Can also be applied to any areas where pests congregate or have been seen.

Perimeter Band Treatment

To help prevent pest infestation of structures, create a treated zone or band on the structure, soil and vegetation around the entire perimeter of a structure. Apply solution to all surfaces within a band beginning 6 to 10 feet from the exterior foundation of the structure that extends back to the structure and then continues 2 to 3 feet up the exterior surface of the structure from the ground. Application volume will depend upon the nature of the surface being treated. Mulch areas, for example, require more volume and hard surface areas requiring less.

Control of Specific Structural Pests Outdoors

Ants (Nuisance ants other than Carpenter Ants) Outdoors: To achieve the highest level of control, locate and directly treat ant nests. Apply solution to ant trails, around doors and windows and at points where ants can be expected to forage or congregate.

For Ant (including Fire Ant) Mounds: Treat mounds and area within a 2 foot radius of the center of the mound with 1-2 gallons of a 0.06% solution. When mounds exceed 12 inches in size use the highest volume of solution. Applications in cool weather (65 to 80 degrees F) or the cooler parts of the day are most effective. Do not apply treatment during the heat of the day.

Bees, Wasps, Hornets, and Yellow Jackets: Always use the highest rate. Make application in late evening when insects are at rest at the nest for best results and to avoid stings. Spray nest openings in ground, in bushes and wherever insects may be nesting. Spray to the point of saturation. Spray as many insects as possible. Remove and destroy treated nests to prevent emergence of newly hatched insects.

Boxelder Bug: Apply directly to where insects have congregated at points of entry. It may be necessary to also treat trees.

Centipedes, Earwigs, Beetles, Millipedes, Pillbugs, Sowbugs: Thoroughly treat mulch areas. The reduction of moisture in mulch areas may also aid in control of these pests.

Mosquitoes: Apply solution to lawns and landscaping, under decks and to building foundations. Refer to APPLICATIONS FOR ORNAMENTAL PESTS section for mixing and applying large amounts of solution against mosquitoes.

Fleas and Ticks: Treat the entire area where insects could be present. Begin treatments in the spring. Insects may be re-introduced by host animals in the surrounding area. Retreatment may be necessary to achieve and maintain control during periods of high pest pressure.

IMPREGNATION OF MAXTHOR SC GC ON DRY BULK FERTILIZERS

For convenience, Maxthor SC GC may be impregnated on dry bulk fertilizers. Maxthor SC GC should be proportionally mixed into the fertilizer such that when the fertilizer is applied, the amount of Maxthor SC GC active ingredient delivered per unit of area using this method is identical to that achieved when Maxthor SC GC is applied mixed in water.

Impregnation: Use at least 100 pounds of fertilizer to deliver Maxthor SC to each acre of treated area. Impregnate Maxthor SC GC into the fertilizer using a method proven to distribute a liquid solution evenly throughout a dry bulk substance such as a rotary mixer equipped with a spray apparatus designed to uniformly apply a liquid evenly to a tumbling mass.

Choose the fertilizer to mix with Maxthor SC GC based on local turf fertilizer requirements. There may be differences in the capacity of fertilizers to absorb the amount of liquid necessary to deliver the Maxthor SC GC to the fertilizer. When the fertilizer can absorb all of the liquid, no additional precautions are needed to obtain a satisfactory dry mixture. If the absorptive capacity of the chosen fertilizer is insufficient to absorb the amount of water needed to correctly mix the Maxthor SC GC with the fertilizer and remain dry, the excess moisture may be removed by mixing a highly absorptive powder (such as Microcel E made by the John Mansville Corporation) into the fertilizer at a rate of 2% of the weight of the fertilizer or less. **DO NOT** impregnate straight coated ammonium nitrate or straight limestone with Maxthor SC GC as these materials will not absorb the insecticide. However, dry fertilizer blends that contain mixtures of these ingredients may be impregnated with Maxthor SC GC.

Bulk fertilizer impregnated with Maxthor SC GC should be applied immediately, not stored. All individual Federal and State regulations relating to the blending, labeling and use of fertilizer mixtures should be followed and no directions contained here should be interpreted as a waiver of these requirements.

IMPORTANT READ BEFORE USE

NOTICE: Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

CONDITIONS OF SALE: The Directions for Use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond the control of Ensystem II, Inc., it is impossible for Ensystem II to eliminate all risks associated with the use of this product such as ineffectiveness or unintended consequences. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Ensystem II harmless for any claims relating to such factors.

DISCLAIMER OF WARRANTIES: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when used in accordance with the Directions for Use under normal conditions of use. ENSYSTEM II MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, under abnormal conditions or under conditions not reasonably foreseeable by (or beyond the control of) seller or Ensystem II, Inc., and buyer assumes the risk of any such use.

LIMITATIONS OF LIABILITY: To the extent permitted by law, Ensystem II shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENSYSTEM II AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT,

NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENSYSTEM II, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

Maxthor is a registered trademark of Ensystem II, Inc.

EPA 20100518

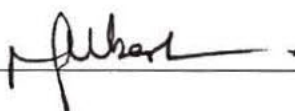
Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
81824-6	May 18, 2010	081824-00006.20100518.Pyrethroid lbl notification.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Signature 

Date 5/18/10

Ross Gilbert

Name (typed)

Agent

Title

ENSYSTEX II, Inc.

2709 Breezewood Ave., P. O. Box 2587, Fayetteville, NC 28302-2587
Telephone - 1-910-484-6163 x 203 Fax - 1-910-484-3378

August 18, 2004

To Whom It May Concern:


Re Letter of Authorization

Dear Sir or Madam:

Please let this letter serve to confirm that Pyxis Regulatory Consulting, Inc. is authorized to act as agent for Ensystex II, Inc. (EPA Company Number pending), before the U.S. Environmental Protection Agency and state governmental agencies in all matters regarding our pesticide registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq. and state law.

If you have any questions, please do not hesitate to contact me.

Sincerely,

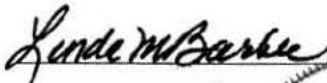


David R Nimocks III
President

cc: Pyxis Regulatory Consulting, Inc.

State of North Carolina
County of Cumberland

I, Linda Barber, a Notary Public for said County and State, do hereby certify that David R. Nimocks, III personally appeared before me this day, August 18, 2004 and acknowledged the due execution of the foregoing instrument.



ENSYSTEX II, Inc.

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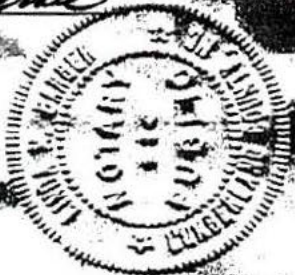


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President

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State of North Carolina
County of Cumberland

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Material to be added to an e-Jacket/Jacket

Reg. No. 81824-6

Description: Notification PER PR Notice 2007-4

1. ☐ Placement within the e-Jacket/jacket:

- ☐ Default: (chronological, top = newest)
- ☐ File Location: (PDF page number, i.e., "before page 45")

2. ☒ Send to Data Extraction contractors this material:

- ☐ Newly stamped accepted label
- ☒ Notification
- ☐ New CSF
- ☐ Other: _____

3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: REGINA Foushee-Smith

Phone: 605-0780 Division: RD

Date: _____

Decision Seq: 429793	Action Code: 332,NOTIFICATION,30	...
FFS Start Date:	Tentative Ind: No	FFS Original Decision:
Due Date: 26-Mar-2010	75-Day Due Date:	FFS EUP Decision:
OPP Target Due Dt:		FFS Primary Decision:
Negotiated Due Dt:	Start/Stop Clock	FOIPA Clock:
Registrant:		Days Elapsed:
Response Due Date:		
Current Status: PENDING (12-Mar-2010)		
Decision Comments	Payment	Unmatched Payments
75 Day Letters		
Meetings & Milestones	FFS Information	FFS Negotiated Due Dates
OPP Target Due Date		
Decision Ownership	Receipts	Data Package
Reduced Risk		
Receipts	Staff Member	Reg/DCI Number
Submission Due Dt	Response	
S: 869249	Foushee-Smith, Regina	...
81824-6	26-Mar-2010	PENDING
Notification revising the Container Disposal Instructions per PRN 2007-4		

There is an **ELECTRONIC LABEL** for this action

You can use Acrobat to compare the e-label to the previous version (and find the changes). You can also use Acrobat to mark-up the e-label with your comments.

If e-label was submitted via

CD-ROM with paper application

then you will find e-label in

Electronic Label Library

If the e-label is not found in the ELL then it was probably not named correctly and could not be entered into the ELL. However, the file can be retrieved from the CD which is retained by the Front End

or

If e-label was submitted via

XML E-Submission (no paper)

then you will find e-label in

Documentum

See overview of processing e-labels on other side of this sheet.
If you have any questions on e-labels, please contact one of your division e-label experts:

AD	Willie Abney	308-1689
	Renae Whitaker	308-7003
	Tracy Lantz	308-6415
BPPD		
RD	Tom Harris	308-9423



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 23 2010

Ross Gilbert
Ensystex II Inc.
c/o Pyxis Regulatory Consulting, Inc.
4110 136th St. NW
Gig Harbor, WA 98332

Subject: Label Notification(s) per PRN 2007-4
Revision to Container Disposal Instructions

Dear Ross Gilbert:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated February 22, 2010 for the following product(s):

Maxxthor SC GC (EPA Reg. No. 81824-6)

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-98-10. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Regina Foushee'-Smith at 703-605-0780.

Sincerely,

A handwritten signature in dark ink, appearing to read "Richard J. Gebken", is written over a horizontal line.

Richard J. Gebken
Product Manager
Insecticide Branch
Registration Division (7505P)



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 81824-6	2. EPA Product Manager R. Gebken	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) Ensystex II, Inc / Maxxthor SC GC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Ensystex II, Inc c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ MAR 23 2010 Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
If "Yes" Unit Packaging wgt.		No. per container	If "Yes" Package wgt.	Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 3/4 gallon, 1 gallon, 5 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Ross Gilbert	Title Agent	Telephone No. (Include Area Code) (253) 853-7369	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Data Application Received (Stamped)
2. Signature 	3. Title Agent		
4. Typed Name Ross Gilbert	5. Date 2/22/10		

PYXIS REGULATORY CONSULTING, INC.

4110 136th St. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

February 22, 2010

COURIER DELIVERY

Richard Gebken (PM 13)
Document Processing Desk (**NOTIF**)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

RE: Ensystex II, Inc. – Maxxthor SC GC (EPA Reg. No. 81824-6)
Revision to Container Disposal Instructions per PRN 2007-4

Dear Mr. Gebken,

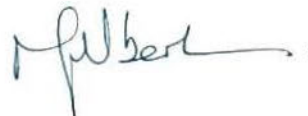
On behalf of Ensystex II, Inc. please find the enclosed label notification revising the container disposal instructions for Maxxthor SC GC per PRN 2007-4.

In support of this notification submission, we submit the following documents:

1. Completed Application for Registration (EPA Form 8570-1)
2. One (1) copy of the Maxxthor SC GC labeling with changes tracked
3. One (1) copy of the Maxxthor SC GC labeling with changes incorporated
4. Certification with Respect to Label Integrity
5. One (1) copy of the Maxxthor SC GC labeling on CD
6. Letter of Authorization

Please feel free to contact me by phone (253) 853-7369 or by email at Ross@PyxisRC.com if you have any questions or need any additional information.

Sincerely,



Ross Gilbert

Enclosures

cc: D. Nimocks; Ensystex II, Inc

ENSYSTEX II, Inc.

2709 Breezewood Ave., P. O. Box 2587, Fayetteville, NC 28302-2587
Telephone - 1-910-484-6163 x 203 Fax - 1-910-484-3378

August 18, 2004

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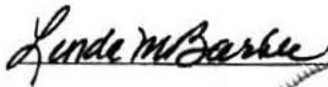


David R Nimocks III
President

cc: Pyxis Regulatory Consulting, Inc.

State of North Carolina
County of Cumberland

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Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
81824-6	February 22, 2010	081824-00006.20100222.PRN 2007-4 lbl notification.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Signature R. Gilbert

Date 2/22/10

Ross Gilbert

Name (typed)

Agent

Title

RESTRICTED USE PESTICIDE

Toxic to Fish and Aquatic Organisms

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.



NOTIFICATION

MAR 23 2010

MAXTHOR SC GC

To control pests of turf and ornamentals on golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings.

Active Ingredient:	By Wt.
Bifenthrin*	7.9%
Other Ingredients:	92.1%
TOTAL:	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

EPA Reg. No. 81824-6 EPA Est. 68850-NC-001

Maxthor SC GC contains 2/3 pounds active ingredient per gallon.

STOP – Read the label before use

KEEP OUT OF REACH OF CHILDREN

CAUTION

DO NOT USE THIS PRODUCT ON GOLF COURSES IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK

(PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.)

(TO THE USER: If you cannot read and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR THOR (367-8467) or visit www.for-thor.com.

NET CONTENTS

ENSYSTEX II, Inc.

Fayetteville, NC 28303

FIRST AID

If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-(888)-398-3772 for emergency medical treatment information.

NOTE TO PHYSICIAN

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment: During mixing and applying the product wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or

allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply by aircraft or through an irrigation or chemigation system. Do not allow spray to drift onto ponds, streams or lakes. Not for use on sod farms, nurseries or inside commercial green houses. Do not apply inside livestock barns.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Handle and open container in a manner so as to prevent spillage. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple-rinse (or equivalent)—Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Spill: Confine it, avoid contact, isolate area and keep animals and unprotected persons away. Form dike around spill area and/or absorb spill with absorbent materials, such as sand, cat litter or clay. Place damaged package in a holding container and identify contents. Contact Ensyslex II at 1-866-367-8467 or Chemtrec at 1-800-424-9300 for any assistance.

Application Use Rates Conversion

Use rates for Maxthor SC GC are stated in three different ways:

Pounds active ingredient per acre

Fluid ounces of Maxthor SC GC per acre

Fluid ounces of Maxthor SC GC per 1000 square feet.

Application Use Rate Conversion

Use the following formulas to convert between the three Maxthor SC GC use rates.

If you know pounds active ingredient you want to apply and you want to calculate the fluid ounces of Maxthor SC GC that contains this amount of active ingredient:

Fluid ounces Maxthor SC GC = Pounds active ingredient X 192

If you want to know the pounds active ingredient in any amount of Maxthor SC GC:

Pounds active ingredient = Fluid ounces Maxthor SC GC / 192

If you want to convert between fluid ounces per 1000 square feet and fluid ounces per acre (or vice versa):

Fluid ounces Maxthor SC GC per 1000 square feet = Fluid ounces Maxthor SC GC per acre / 43.56

Fluid ounces Maxthor SC GC per acre = Fluid ounces Maxthor SC GC per 1000 square feet X 43.56

APPLICATION FOR TURF PESTS

Maxthor SC GC controls a wide range of turfgrass insect and mite pests. Maxthor SC GC is not for use on turfgrass grown for sale, commercial seed production, for other commercial use or for research.

Application Sites

Permitted sites include golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings. **New York State only: Do not apply Maxthor SC GC containing solutions to grass or turf within 100 feet of a body of water (lake, pond, river, stream, wetland or drainage ditch).**

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply to water logged turf or to areas of soil that are water saturated.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

Do not make an application intended to control surface feeding pests if rain is forecast within 12 hours of the intended application completion time (or alternately, if rain is forecast between the intended application completion time and the time the application would be expected to have dried).

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small patch of a type of grass (with observations over one week to detect the occurrence of negative effects) before application of solutions to large areas of that type of grass.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods and Equipment

Apply solution as a broadcast treatment in a quantity sufficient to wet all foliage. If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing and cultural practices to control different types of pests.

When applying to turf, apply with ground application equipment only. Use the largest nozzle size that still provides adequate coverage. Application nozzles should be within two feet of the ground during discharge of the solution.

Reapplication

Reapplications may be necessary particularly in the event of high pest pressure. Reapply as needed based on pest reinfestation however do not exceed the pounds active ingredient per acre yearly application limits. **New York State only: Do make a single reapplication of Maxthor SC GC if there is renewed insect activity, but not sooner than two weeks after first application.**

Turf Application Use Rates and Volumes

Use rates for Maxthor SC GC for turf pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet and fluid ounces of Maxthor SC GC per acre.

Apply Maxthor SC GC at 0.25 to 1.0 fluid ounces per 1000 square feet (10 to 40 fluid ounces per acre) depending on the use rate(s) for the target pest. Recommended rates for specific pests within this range are given below.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made per year.

Depending on the length and/or density of grass being treated, application volumes of up to 10 gallons per 1000 square feet can be made in order to obtain uniform coverage. If a minimal volume application is made (2 gallons per 1000 square feet) and the target pest, such as mole crickets or chinch bugs for example, are located in the thatch or below the surface, irrigate the treated area with at least 0.25 inches of water immediately after the application.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rates are not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate in excess of the maximum label rate.

Turf Pest Application Use Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 0.5 fluid ounce of Maxthor SC GC per 1000 square feet (20 fluid ounces per acre) can be used to control any of the listed pests. Use the higher application rates when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Turf Applications			
Use Rate	Pounds active ingredient per acre	Ounces Maxthor SC GC per acre	Ounces Maxthor SC GC per 1000 sq. feet
A	0.05	10.0	0.25
B	0.05⇒0.10	10⇒20	0.25⇒0.50
C	0.10	20	0.50
D	0.20	40	1.0

Turf Pests Grouped by Use Rates

Use Rate A: Armyworms, Cutworms, Sod Webworms

Use Rate B: Annual Bluegrass or Hyperodes Weevil (Adult), Ants, Billbugs (Adult), Black Turfgrass Ataenius (Adult), Centipede, Chinch Bug, Cricket, Earwigs, Fleas (Adult), Grasshoppers, Leafhoppers, Mealybugs, Millipedes, Mites, Mole Cricket (Nymph and Adult), Pillbugs, Sowbugs

Use Rate C: Fleas (Larvae), Imported Fire Ant, Japanese Beetle (Adult), Mole Cricket, Ticks

Use Rate D: Ants, Imported Fire Ant, Mole Cricket (Nymph and Adult). This use rate applicable only when infestations are widespread

Mixing Table for Maxthor SC GC for Turf Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Pounds AI per Acre	Use these amounts of Maxthor SC GC (fluid ounces) diluted to these volumes (gallons) of finished spray		
		10 gal.	25 gal.	100 gal.
0.5	0.05	5.0	12.5	50.0
	0.1	10.0	25.0	100.0
	0.2	20.0	50.0	200.0
1	0.05	2.5	6.25	25.0
	0.1	5.0	12.5	50.0
	0.2	10.0	25.0	100.0
2.3 (100 gallons per acre)	0.05	1.1	5.4	10.9
	0.1	2.2	10.9	21.7
	0.2	4.4	21.7	43.5

Calculating Amounts of Maxthor SC GC to Mix for Turf Pests

Determine any amount of Maxthor SC GC to mix and apply for turf pests as follows:

Calculate for an area measured in square feet

A = Square feet of area to be treated / 1000 (5,500 sq. ft. / 1000 = 5.5)

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per 1000 square feet taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Calculate for an area measured in acres

A = Number of acres to be treated

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per acre taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Turf Pests

Annual Bluegrass or Hyperodes Weevil (Adult): Consult your Cooperative Extension Service for advice on application timing in your area.

Armyworms, Cutworms, Sod Webworms: Do not water or mow grass within 24 hours of application for optimum control of these surface feeding insects.

Billbug Adults: Make application when adults first appear in the spring or when chewed or brown grass indicates damage. Consult your Cooperative Extension Service for advice on more exact application timing in your area.

Chinch Bugs: Water grass immediately after application to help move active ingredient deeper into thatch where these insects live. The highest application rate may be necessary to achieve control during the summer.

Imported Fire Ant: Combine broadcast treatments to control newly invading ants and mound treatments to eliminate existing ant colonies. Treat mounds according to the *Application for Structural Pests Outside and Around Structures* section of this label. For best results, make application during cool weather (65 to 80 degrees F) or in the early morning or late evening.

Mole Crickets: Make application late in the day and water grass immediately after application to move treatment down into the grass where these insects live. If soil is not moist, water before treatment also to bring crickets closer to surface before application. Treating at the time of peak egg hatch increases control of hatching nymphs. Frequent applications may be necessary to control larger nymphs later in the year.

Ticks: (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever) - Treat the entire area where ticks could be present. Begin treatments in the spring. Ticks may be re-introduced by host animals in the surrounding area. Retreats may be necessary to achieve and maintain control during periods of high pest pressure.

APPLICATION FOR ORNAMENTAL PESTS

Maxthor SC GC controls a wide range of insects and mites on trees, shrubs, foliage plants, non-bearing fruit and nut trees and flowers. Non-bearing trees are perennial plants that will not produce a harvestable agricultural commodity within the next 12 months. Maxthor SC GC is not for use on plants being grown for sale, for commercial seed production or for research purposes.

Application Sites

For use on ornamental plants including but not limited to trees, shrubs, ground covers, bedding plants and foliage plants being used for decorative or climate modification purposes. Permitted sites include golf courses, ornamental gardens, parks, grounds, landscapes and interior plantscapes on and around residential, commercial, industrial and public buildings.

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small number of a type of plant (with observations over one week to detect the occurrence of negative effects) before application of solution to large numbers of that type of plant.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the label rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods

Apply solution in a quantity sufficient to wet all foliage as a full coverage foliar spray. It may also be necessary to treat non-foliage parts of plants such as trunks and bark to control some pests based on where the pest may be located on the plant at a particular life stage.

If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing, cultural practices and placement of treatment on different parts of plants to control different pests.

Reapplication

Reapplications may be necessary as plant growth occurs and new foliage appears or in the event of high pest pressure. Reapply as needed based on pest re-infestation.

Ornamental Application Use Rates and Volumes

Use rates for Maxthor SC GC for ornamental pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet.

Recommended ornamental application use rates based on the target pest, range between 0.125 to 1.0 fluid ounce of Maxthor SC GC per 1,000 square feet. Recommended rates for specific pests within this range are given below. However, applications of up to 1.0 fluid ounce per 1000 square feet are permitted at the discretion of the applicator to control any pest.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rate of 1.0 fluid ounce per 1000 feet is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such underdosing will not result in an application rate per 1000 square feet in excess of the maximum label rate. Typical application volume is 100 gallons per acre.

Ornamental Pest Application Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 1 fluid ounce of Maxthor SC GC per 1000 square feet can be used to control any of the listed pests. Use the higher application rate when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Ornamental Applications	
Use Rate	Fluid ounces Maxthor SC GC per 1,000 square feet (Range)
A	0.125→0.250
B	0.250→0.500
C	0.500→1.000

Ornamental Pests Grouped by Use Rates

Use Rate A: Aphids, Bagworms, Cutworms, Elm Leaf Beetle, Fall Webworm, Lace Bug, Leaf Feeding Caterpillar, Plant Bugs (*Lygus spp.*) Tent Caterpillar

Use Rate B: Beet Armyworm, Black Vine Weevil (Adult), Brown Soft Scale, Broad Mite, Budworms, California Red Scale (Crawler), Centipedes, Citrus Thrip, Clover Mite, Crickets, Diaprepes (Adult), Earwig, European Red Mite, Flea Beetles, Fungus Gnat (Adult), Grasshoppers, Gypsy Moth Caterpillar, Leafhoppers, Leafrollers, Mealybugs, Millipedes, Mites, Orchid Weevil, Pillbugs, Pine Needle Scale (Crawlers), San Jose Scale (Crawlers), Sowbugs, Spider Mites, Spiders, Thrips, Tip Moth, Twig Borers, Wasps, Weevils, Whiteflies

Use Rate C: Ants, Imported Fire Ant, Japanese Beetle (Adult), Leafminers, Pecan Leaf Scorch Mite, Pine Shoot Beetle (Adults)

Mixing Table for Maxthor SC GC for Ornamental Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Fluid oz. / 1000 sq. ft.	Use these amounts of Maxthor SC GC diluted to these volumes of finished spray		
		5 gal.	10 gal.	25 gal.
2	0.125	0.31	0.63	1.56
	0.250	0.63	1.25	3.13
	0.500	1.25	2.50	6.25
	1.000	2.50	5.00	12.50
5	0.125	0.13	0.25	0.63
	0.250	0.25	0.50	1.25
	0.500	0.50	1.00	2.50
	1.000	1.00	2.00	5.00
10	0.125	--	0.13	0.31
	0.250	--	0.25	0.63
	0.500	--	0.50	1.25
	1.000	--	1.00	2.50

Calculating Amounts of Maxthor SC GC to Mix for Ornamental Pests

To mix and apply any amount of Maxthor SC GC for ornamental pests, determine:

A = Square feet of area to be treated /1000 (5,500 sq. ft. /1000 = 5.5)

B = Use Rate per 1000 square feet for the target pest(s) in fluid ounces Maxthor SC GC taken from the Use Rate Table. If treating for more than one pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for ornamental pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Ornamental Pests

Bagworms: Spray when bagworms first begin to hatch. Apply directly to the larvae. Treatment is most effective against young larvae.

APPLICATION FOR STRUCTURAL PESTS OUTSIDE AND AROUND STRUCTURES

Maxthor SC GC controls a wide range of structural pests including nuisance pests outside of structures. Maxthor SC GC can be applied on or around any type of residential, commercial, industrial or public structure or building. Permitted sites include the exterior of homes, apartments, office buildings, industrial buildings and stores.

Dilution of Maxthor SC GC for Structural Pests

For structural pests, use rates for Maxthor SC GC are expressed and mixed according to the percentage (%) concentration solution it forms when mixed in water. Each 0.166 fluid ounce (1 teaspoon) of Maxthor SC GC that is added to one gallon of water increases the concentration of Maxthor SC GC in that one gallon of water by 0.01%. For example, to make a 0.06% solution in one gallon of water, mix 1 fluid ounce (6 teaspoons) of Maxthor SC GC in one gallon of water. Use the conversion table and formulas below to determine the amount of Maxthor SC GC to add to any quantity of water.

Mixing Table for Maxthor SC GC for Structural Pests		
% to mix	Fluid ounces to add per gallon to mix this %	Teaspoons to add per gallon to mix this %
0.03	0.500	3
0.04	0.666	4
0.05	0.833	5
0.06	1.000	6

29.57 milliliters = 2 tablespoons = 6 teaspoons = 1 Fluid ounce

Calculating Amount of Maxthor SC GC to Mix for Structural Pests

Calculate the amount of Maxthor SC GC to mix for structural pests as follows:

A = Volume of water, in gallons, into which the Maxthor SC GC will be mixed. Express any partial gallons as decimal fractions (1/2 = .5)

B = Fluid ounces (or tablespoons) Maxthor SC GC per gallon from Mixing Table. Select the desired % concentration based on the site of application and the pest(s) to be controlled. Read across to find amount of Maxthor SC GC to add per gallon in fluid ounces or teaspoons.

Fluid ounces (or teaspoons) Maxthor SC GC to mix = A X B

Mix this amount of Maxthor SC GC in the predetermined amount of water (A). Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

Pests Controlled

Ants (including Fire Ant), Bees, Biting Flies, Boxelder Bug, Centipedes, Crickets, Earwigs, Elm Leaf Beetle, Firebrats, Fleas, Flies, Millipedes, Mosquitoes, Pillbugs, Roaches (including Cockroaches), Silverfish, Sowbugs, Spiders, Ticks (including Brown Dog Tick) and Wasps.

Application Methods

Apply Maxthor SC GC as a solution in the form of a general surface, spot, crack and crevice, pinstream or coarse spray. Do not apply as a space spray.

Application Use Rates and Volumes

Use a 0.03% to 0.06% solution of Maxthor SC GC. Use a spray volume of up to 10 gallons of solution per 1,000 square feet. Higher application volumes may be used if necessary to sufficiently wet vegetation and landscaping with the spray solution.

Re-application

Treatments should not be repeated more often than once every 7 days. The best efficacy and longest residual control is achieved when the highest concentration is used.

Application Locations

Apply spray to the exterior surfaces of structures and to grounds, lawns, landscaping, plants and hard surface areas adjacent to structures. Can also be applied to any areas where pests congregate or have been seen.

Perimeter Band Treatment

To help prevent pest infestation of structures, create a treated zone or band on the structure, soil and vegetation around the entire perimeter of a structure. Apply solution to all surfaces within a band beginning 6 to 10 feet from the exterior foundation of the structure that extends back to the structure and then continues 2 to 3 feet up the exterior surface of the structure from the ground. Application volume will depend upon the nature of the surface being treated. Mulch areas, for example, require more volume and hard surface areas requiring less.

Control of Specific Structural Pests Outdoors

Ants (Nuisance ants other than Carpenter Ants) Outdoors: To achieve the highest level of control, locate and directly treat ant nests. Apply solution to ant trails, around doors and windows and at points where ants can be expected to forage or congregate.

For Ant (including Fire Ant) Mounds: Treat mounds and area within a 2 foot radius of the center of the mound with 1-2 gallons of a 0.06% solution. When mounds exceed 12 inches in size use the highest volume of solution. Applications in cool weather (65 to 80 degrees F) or the cooler parts of the day are most effective. Do not apply treatment during the heat of the day.

Bees, Wasps, Hornets, and Yellow Jackets: Always use the highest rate. Make application in late evening when insects are at rest at the nest for best results and to avoid stings. Spray nest openings in ground, in bushes and wherever insects may be nesting. Spray to the point of saturation. Spray as many insects as possible. Remove and destroy treated nests to prevent emergence of newly hatched insects.

Boxelder Bug: Apply directly to where insects have congregated at points of entry. It may be necessary to also treat trees.

Centipedes, Earwigs, Beetles, Millipedes, Pillbugs, Sowbugs: Thoroughly treat mulch areas. The reduction of moisture in mulch areas may also aid in control of these pests.

Mosquitoes: Apply solution to lawns and landscaping, under decks and to building foundations. Refer to APPLICATIONS FOR ORNAMENTAL PESTS section for mixing and applying large amounts of solution against mosquitoes.

Fleas and Ticks: Treat the entire area where insects could be present. Begin treatments in the spring. Insects may be re-introduced by host animals in the surrounding area. Retreatment may be necessary to achieve and maintain control during periods of high pest pressure.

IMPREGNATION OF MAXTHOR SC GC ON DRY BULK FERTILIZERS

For convenience, Maxthor SC GC may be impregnated on dry bulk fertilizers. Maxthor SC GC should be proportionally mixed into the fertilizer such that when the fertilizer is applied, the amount of Maxthor SC GC active ingredient delivered per unit of area using this method is identical to that achieved when Maxthor SC GC is applied mixed in water.

Impregnation: Use at least 100 pounds of fertilizer to deliver Maxthor SC to each acre of treated area. Impregnate Maxthor SC GC into the fertilizer using a method proven to distribute a liquid solution evenly throughout a dry bulk substance such as a rotary mixer equipped with a spray apparatus designed to uniformly apply a liquid evenly to a tumbling mass.

Choose the fertilizer to mix with Maxthor SC GC based on local turf fertilizer requirements. There may be differences in the capacity of fertilizers to absorb the amount of liquid necessary to deliver the Maxthor SC GC to the fertilizer. When the fertilizer can absorb all of the liquid, no additional precautions are needed to obtain a satisfactory dry mixture. If the absorptive capacity of the chosen fertilizer is insufficient to absorb the amount of water needed to correctly mix the Maxthor SC GC with the fertilizer and remain dry, the excess moisture may be removed by mixing a highly absorptive powder (such as Microcel E made by the John Mansville Corporation) into the fertilizer at a rate of 2% of the weight of the fertilizer or less. **DO NOT** impregnate straight coated ammonium nitrate or straight limestone with Maxthor SC GC as these materials will not absorb the insecticide. However, dry fertilizer blends that contain mixtures of these ingredients may be impregnated with Maxthor SC GC.

Bulk fertilizer impregnated with Maxthor SC GC should be applied immediately, not stored. All individual Federal and State regulations relating to the blending, labeling and use of fertilizer mixtures should be followed and no directions contained here should be interpreted as a waiver of these requirements.

IMPORTANT READ BEFORE USE

NOTICE: Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

CONDITIONS OF SALE: The Directions for Use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond the control of Ensystex II, Inc., it is impossible for Ensystex II to eliminate all risks associated with the use of this product such as ineffectiveness or unintended consequences. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Ensystex II harmless for any claims relating to such factors.

DISCLAIMER OF WARRANTIES: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when used in accordance with the Directions for Use under normal conditions of use. ENSYSTEX II MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, under abnormal conditions or under conditions not reasonably foreseeable by (or beyond the control of) seller or Ensystex II, Inc., and buyer assumes the risk of any such use.

LIMITATIONS OF LIABILITY: To the extent permitted by law, Ensystex II shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENSYSTEX II AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT,

NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENSYSTEX II, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

Maxthor is a registered trademark of Ensystex II, Inc.

EPA 20100222

RESTRICTED USE PESTICIDE

Toxic to Fish and Aquatic Organisms

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.



NOTIFICATION

MAR 23 2010

MAXTHOR SC GC

To control pests of turf and ornamentals on golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings.

Active Ingredient:	By Wt.
Bifenthrin*	7.9%
Other Ingredients:	92.1%
TOTAL:	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

EPA Reg. No. 81824-6 EPA Est. 68850-NC-001

Maxthor SC GC contains 2/3 pounds active ingredient per gallon.

STOP – Read the label before use

KEEP OUT OF REACH OF CHILDREN

CAUTION

DO NOT USE THIS PRODUCT ON GOLF COURSES IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK

(PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.)

(TO THE USER: If you cannot read and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR THOR (367-8467) or visit www.for-thor.com.

NET CONTENTS

ENSYSTEX II, Inc.

Fayetteville, NC 28303

FIRST AID

If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-(888)-398-3772 for emergency medical treatment information.

NOTE TO PHYSICIAN

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment: During mixing and applying the product wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or

allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply by aircraft or through an irrigation or chemigation system. Do not allow spray to drift onto ponds, streams or lakes. Not for use on sod farms, nurseries or inside commercial green houses. Do not apply inside livestock barns.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Handle and open container in a manner so as to prevent spillage. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Spill: Confine it, avoid contact, isolate area and keep animals and unprotected persons away. Form dike around spill area and/or absorb spill with absorbent materials, such as sand, cat litter or clay. Place damaged package in a holding container and identify contents. Contact Ensyslex II at 1-866-367-8467 or Chemtrec at 1-800-424-9300 for any assistance.

Application Use Rates Conversion

Use rates for Maxthor SC GC are stated in three different ways:

Pounds active ingredient per acre

Fluid ounces of Maxthor SC GC per acre

Fluid ounces of Maxthor SC GC per 1000 square feet.

Application Use Rate Conversion

Use the following formulas to convert between the three Maxthor SC GC use rates.

If you know pounds active ingredient you want to apply and you want to calculate the fluid ounces of Maxthor SC GC that contains this amount of active ingredient:

Fluid ounces Maxthor SC GC = Pounds active ingredient X 192

If you want to know the pounds active ingredient in any amount of Maxthor SC GC:

Pounds active ingredient = Fluid ounces Maxthor SC GC / 192

If you want to convert between fluid ounces per 1000 square feet and fluid ounces per acre (or vice versa):

Fluid ounces Maxthor SC GC per 1000 square feet = Fluid ounces Maxthor SC GC per acre / 43.56

Fluid ounces Maxthor SC GC per acre = Fluid ounces Maxthor SC GC per 1000 square feet X 43.56

APPLICATION FOR TURF PESTS

Maxthor SC GC controls a wide range of turfgrass insect and mite pests. Maxthor SC GC is not for use on turfgrass grown for sale, commercial seed production, for other commercial use or for research.

Application Sites

Permitted sites include golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings. **New York State only: Do not apply Maxthor SC GC containing solutions to grass or turf within 100 feet of a body of water (lake, pond, river, stream, wetland or drainage ditch).**

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply to water logged turf or to areas of soil that are water saturated.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

Do not make an application intended to control surface feeding pests if rain is forecast within 12 hours of the intended application completion time (or alternately, if rain is forecast between the intended application completion time and the time the application would be expected to have dried).

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small patch of a type of grass (with observations over one week to detect the occurrence of negative effects) before application of solutions to large areas of that type of grass.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods and Equipment

Apply solution as a broadcast treatment in a quantity sufficient to wet all foliage. If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing and cultural practices to control different types of pests.

When applying to turf, apply with ground application equipment only. Use the largest nozzle size that still provides adequate coverage. Application nozzles should be within two feet of the ground during discharge of the solution.

Reapplication

Reapplications may be necessary particularly in the event of high pest pressure. Reapply as needed based on pest reinfestation however do not exceed the pounds active ingredient per acre yearly application limits. **New York State only: Do make a single reapplication of Maxthor SC GC if there is renewed insect activity, but not sooner than two weeks after first application.**

Turf Application Use Rates and Volumes

Use rates for Maxthor SC GC for turf pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet and fluid ounces of Maxthor SC GC per acre.

Apply Maxthor SC GC at 0.25 to 1.0 fluid ounces per 1000 square feet (10 to 40 fluid ounces per acre) depending on the use rate(s) for the target pest. Recommended rates for specific pests within this range are given below.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made per year.

Depending on the length and/or density of grass being treated, application volumes of up to 10 gallons per 1000 square feet can be made in order to obtain uniform coverage. If a minimal volume application is made (2 gallons per 1000 square feet) and the target pest, such as mole crickets or chinch bugs for example, are located in the thatch or below the surface, irrigate the treated area with at least 0.25 inches of water immediately after the application.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rates are not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate in excess of the maximum label rate.

Turf Pest Application Use Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 0.5 fluid ounce of Maxthor SC GC per 1000 square feet (20 fluid ounces per acre) can be used to control any of the listed pests. Use the higher application rates when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Turf Applications			
Use Rate	Pounds active ingredient per acre	Ounces Maxthor SC GC per acre	Ounces Maxthor SC GC per 1000 sq. feet
A	0.05	10.0	0.25
B	0.05⇒0.10	10⇒20	0.25⇒0.50
C	0.10	20	0.50
D	0.20	40	1.0

Turf Pests Grouped by Use Rates

Use Rate A: Armyworms, Cutworms, Sod Webworms

Use Rate B: Annual Bluegrass or Hyperodes Weevil (Adult), Ants, Billbugs (Adult), Black Turfgrass Ataenius (Adult), Centipede, Chinch Bug, Cricket, Earwigs, Fleas (Adult), Grasshoppers, Leafhoppers, Mealybugs, Millipedes, Mites, Mole Cricket (Nymph and Adult), Pillbugs, Sowbugs

Use Rate C: Fleas (Larvae), Imported Fire Ant, Japanese Beetle (Adult), Mole Cricket, Ticks

Use Rate D: Ants, Imported Fire Ant, Mole Cricket (Nymph and Adult). This use rate applicable only when infestations are widespread

Mixing Table for Maxthor SC GC for Turf Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Pounds AI per Acre	Use these amounts of Maxthor SC GC (fluid ounces) diluted to these volumes (gallons) of finished spray		
		10 gal.	25 gal.	100 gal.
0.5	0.05	5.0	12.5	50.0
	0.1	10.0	25.0	100.0
	0.2	20.0	50.0	200.0
1	0.05	2.5	6.25	25.0
	0.1	5.0	12.5	50.0
	0.2	10.0	25.0	100.0
2.3 (100 gallons per acre)	0.05	1.1	5.4	10.9
	0.1	2.2	10.9	21.7
	0.2	4.4	21.7	43.5

Calculating Amounts of Maxthor SC GC to Mix for Turf Pests

Determine any amount of Maxthor SC GC to mix and apply for turf pests as follows:

Calculate for an area measured in square feet

A = Square feet of area to be treated / 1000 (5,500 sq. ft. / 1000 = 5.5)

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per 1000 square feet taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Calculate for an area measured in acres

A = Number of acres to be treated

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per acre taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Turf Pests

Annual Bluegrass or Hyperodes Weevil (Adult): Consult your Cooperative Extension Service for advice on application timing in your area.

Armyworms, Cutworms, Sod Webworms: Do not water or mow grass within 24 hours of application for optimum control of these surface feeding insects.

Billbug Adults: Make application when adults first appear in the spring or when chewed or brown grass indicates damage. Consult your Cooperative Extension Service for advice on more exact application timing in your area.

Chinch Bugs: Water grass immediately after application to help move active ingredient deeper into thatch where these insects live. The highest application rate may be necessary to achieve control during the summer.

Imported Fire Ant: Combine broadcast treatments to control newly invading ants and mound treatments to eliminate existing ant colonies. Treat mounds according to the *Application for Structural Pests Outside and Around Structures* section of this label. For best results, make application during cool weather (65 to 80 degrees F) or in the early morning or late evening.

Mole Crickets: Make application late in the day and water grass immediately after application to move treatment down into the grass where these insects live. If soil is not moist, water before treatment also to bring crickets closer to surface before application. Treating at the time of peak egg hatch increases control of hatching nymphs. Frequent applications may be necessary to control larger nymphs later in the year.

Ticks: (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever) - Treat the entire area where ticks could be present. Begin treatments in the spring. Ticks may be re-introduced by host animals in the surrounding area. Retreats may be necessary to achieve and maintain control during periods of high pest pressure.

APPLICATION FOR ORNAMENTAL PESTS

Maxthor SC GC controls a wide range of insects and mites on trees, shrubs, foliage plants, non-bearing fruit and nut trees and flowers. Non-bearing trees are perennial plants that will not produce a harvestable agricultural commodity within the next 12 months. Maxthor SC GC is not for use on plants being grown for sale, for commercial seed production or for research purposes.

Application Sites

For use on ornamental plants including but not limited to trees, shrubs, ground covers, bedding plants and foliage plants being used for decorative or climate modification purposes. Permitted sites include golf courses, ornamental gardens, parks, grounds, landscapes and interior plantscapes on and around residential, commercial, industrial and public buildings.

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small number of a type of plant (with observations over one week to detect the occurrence of negative effects) before application of solution to large numbers of that type of plant.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the label rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods

Apply solution in a quantity sufficient to wet all foliage as a full coverage foliar spray. It may also be necessary to treat non-foliage parts of plants such as trunks and bark to control some pests based on where the pest may be located on the plant at a particular life stage.

If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing, cultural practices and placement of treatment on different parts of plants to control different pests.

Reapplication

Reapplications may be necessary as plant growth occurs and new foliage appears or in the event of high pest pressure. Reapply as needed based on pest re-infestation.

Ornamental Application Use Rates and Volumes

Use rates for Maxthor SC GC for ornamental pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet.

Recommended ornamental application use rates based on the target pest, range between 0.125 to 1.0 fluid ounce of Maxthor SC GC per 1,000 square feet. Recommended rates for specific pests within this range are given below. However, applications of up to 1.0 fluid ounce per 1000 square feet are permitted at the discretion of the applicator to control any pest.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rate of 1.0 fluid ounce per 1000 feet is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such underdosing will not result in an application rate per 1000 square feet in excess of the maximum label rate. Typical application volume is 100 gallons per acre.

Ornamental Pest Application Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 1 fluid ounce of Maxthor SC GC per 1000 square feet can be used to control any of the listed pests. Use the higher application rate when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Ornamental Applications	
Use Rate	Fluid ounces Maxthor SC GC per 1,000 square feet (Range)
A	0.125⇒0.250
B	0.250⇒0.500
C	0.500⇒1.000

Ornamental Pests Grouped by Use Rates

Use Rate A: Aphids, Bagworms, Cutworms, Elm Leaf Beetle, Fall Webworm, Lace Bug, Leaf Feeding Caterpillar, Plant Bugs (*Lygus spp.*) Tent Caterpillar

Use Rate B: Beet Armyworm, Black Vine Weevil (Adult), Brown Soft Scale, Broad Mite, Budworms, California Red Scale (Crawler), Centipedes, Citrus Thrip, Clover Mite, Crickets, Diaprepes (Adult), Earwig, European Red Mite, Flea Beetles, Fungus Gnat (Adult), Grasshoppers, Gypsy Moth Caterpillar, Leafhoppers, Leafrollers, Mealybugs, Millipedes, Mites, Orchid Weevil, Pillbugs, Pine Needle Scale (Crawlers), San Jose Scale (Crawlers), Sowbugs, Spider Mites, Spiders, Thrips, Tip Moth, Twig Borers, Wasps, Weevils, Whiteflies

Use Rate C: Ants, Imported Fire Ant, Japanese Beetle (Adult), Leafminers, Pecan Leaf Scorch Mite, Pine Shoot Beetle (Adults)

Mixing Table for Maxthor SC GC for Ornamental Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Fluid oz. / 1000 sq. ft.	Use these amounts of Maxthor SC GC diluted to these volumes of finished spray		
		5 gal.	10 gal.	25 gal.
2	0.125	0.31	0.63	1.56
	0.250	0.63	1.25	3.13
	0.500	1.25	2.50	6.25
	1.000	2.50	5.00	12.50
5	0.125	0.13	0.25	0.63
	0.250	0.25	0.50	1.25
	0.500	0.50	1.00	2.50
	1.000	1.00	2.00	5.00
10	0.125	--	0.13	0.31
	0.250	--	0.25	0.63
	0.500	--	0.50	1.25
	1.000	--	1.00	2.50

Calculating Amounts of Maxthor SC GC to Mix for Ornamental Pests

To mix and apply any amount of Maxthor SC GC for ornamental pests, determine:

A = Square feet of area to be treated /1000 (5,500 sq. ft. /1000 = 5.5)

B = Use Rate per 1000 square feet for the target pest(s) in fluid ounces Maxthor SC GC taken from the Use Rate Table. If treating for more than one pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for ornamental pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Ornamental Pests

Bagworms: Spray when bagworms first begin to hatch. Apply directly to the larvae. Treatment is most effective against young larvae.

APPLICATION FOR STRUCTURAL PESTS OUTSIDE AND AROUND STRUCTURES

Maxthor SC GC controls a wide range of structural pests including nuisance pests outside of structures. Maxthor SC GC can be applied on or around any type of residential, commercial, industrial or public structure or building. Permitted sites include the exterior of homes, apartments, office buildings, industrial buildings and stores.

Dilution of Maxthor SC GC for Structural Pests

For structural pests, use rates for Maxthor SC GC are expressed and mixed according to the percentage (%) concentration solution it forms when mixed in water. Each 0.166 fluid ounce (1 teaspoon) of Maxthor SC GC that is added to one gallon of water increases the concentration of Maxthor SC GC in that one gallon of water by 0.01%. For example, to make a 0.06% solution in one gallon of water, mix 1 fluid ounce (6 teaspoons) of Maxthor SC GC in one gallon of water. Use the conversion table and formulas below to determine the amount of Maxthor SC GC to add to any quantity of water.

Mixing Table for Maxthor SC GC for Structural Pests		
% to mix	Fluid ounces to add per gallon to mix this %	Teaspoons to add per gallon to mix this %
0.03	0.500	3
0.04	0.666	4
0.05	0.833	5
0.06	1.000	6

29.57 milliliters = 2 tablespoons = 6 teaspoons = 1 Fluid ounce

Calculating Amount of Maxthor SC GC to Mix for Structural Pests

Calculate the amount of Maxthor SC GC to mix for structural pests as follows:

A = Volume of water, in gallons, into which the Maxthor SC GC will be mixed. Express any partial gallons as decimal fractions (1/2 = .5)

B = Fluid ounces (or tablespoons) Maxthor SC GC per gallon from Mixing Table. Select the desired % concentration based on the site of application and the pest(s) to be controlled. Read across to find amount of Maxthor SC GC to add per gallon in fluid ounces or teaspoons.

Fluid ounces (or teaspoons) Maxthor SC GC to mix = A X B

Mix this amount of Maxthor SC GC in the predetermined amount of water (A). Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

Pests Controlled

Ants (including Fire Ant), Bees, Biting Flies, Boxelder Bug, Centipedes, Crickets, Earwigs, Elm Leaf Beetle, Firebrats, Fleas, Flies, Millipedes, Mosquitoes, Pillbugs, Roaches (including Cockroaches), Silverfish, Sowbugs, Spiders, Ticks (including Brown Dog Tick) and Wasps.

Application Methods

Apply Maxthor SC GC as a solution in the form of a general surface, spot, crack and crevice, pinstream or coarse spray. Do not apply as a space spray.

Application Use Rates and Volumes

Use a 0.03% to 0.06% solution of Maxthor SC GC. Use a spray volume of up to 10 gallons of solution per 1,000 square feet. Higher application volumes may be used if necessary to sufficiently wet vegetation and landscaping with the spray solution.

Re-Application

Treatments should not be repeated more often than once every 7 days. The best efficacy and longest residual control is achieved when the highest concentration is used.

Application Locations

Apply spray to the exterior surfaces of structures and to grounds, lawns, landscaping, plants and hard surface areas adjacent to structures. Can also be applied to any areas where pests congregate or have been seen.

Perimeter Band Treatment

To help prevent pest infestation of structures, create a treated zone or band on the structure, soil and vegetation around the entire perimeter of a structure. Apply solution to all surfaces within a band beginning 6 to 10 feet from the exterior foundation of the structure that extends back to the structure and then continues 2 to 3 feet up the exterior surface of the structure from the ground. Application volume will depend upon the nature of the surface being treated. Mulch areas, for example, require more volume and hard surface areas requiring less.

Control of Specific Structural Pests Outdoors

Ants (Nuisance ants other than Carpenter Ants) Outdoors: To achieve the highest level of control, locate and directly treat ant nests. Apply solution to ant trails, around doors and windows and at points where ants can be expected to forage or congregate.

For Ant (including Fire Ant) Mounds: Treat mounds and area within a 2 foot radius of the center of the mound with 1-2 gallons of a 0.06% solution. When mounds exceed 12 inches in size use the highest volume of solution. Applications in cool weather (65 to 80 degrees F) or the cooler parts of the day are most effective. Do not apply treatment during the heat of the day.

Bees, Wasps, Hornets, and Yellow Jackets: Always use the highest rate. Make application in late evening when insects are at rest at the nest for best results and to avoid stings. Spray nest openings in ground, in bushes and wherever insects may be nesting. Spray to the point of saturation. Spray as many insects as possible. Remove and destroy treated nests to prevent emergence of newly hatched insects.

Boxelder Bug: Apply directly to where insects have congregated at points of entry. It may be necessary to also treat trees.

Centipedes, Earwigs, Beetles, Millipedes, Pillbugs, Sowbugs: Thoroughly treat mulch areas. The reduction of moisture in mulch areas may also aid in control of these pests.

Mosquitoes: Apply solution to lawns and landscaping, under decks and to building foundations. Refer to *AFFLICTIONS FOR ORNAMENTAL PESTS* section for mixing and applying large amounts of solution against mosquitoes.

Fleas and Ticks: Treat the entire area where insects could be present. Begin treatments in the spring. Insects may be re-introduced by host animals in the surrounding area. Retreatment may be necessary to achieve and maintain control during periods of high nest pressure.

IMPREGNATION OF MAXTHOR SC GC ON DRY BULK FERTILIZERS

For convenience, Maxthor SC GC may be impregnated on dry bulk fertilizers. Maxthor SC GC should be proportionally mixed into the fertilizer such that when the fertilizer is applied, the amount of Maxthor SC GC active ingredient delivered per unit of area using this method is identical to that achieved when Maxthor SC GC is applied mixed in water.

Impregnation: Use at least 100 pounds of fertilizer to deliver Maxthor SC to each acre of treated area. Impregnate Maxthor SC GC into the fertilizer using a method proven to distribute a liquid solution evenly throughout a dry bulk substance such as a rotary mixer equipped with a spray apparatus designed to uniformly apply a liquid evenly to a tumbling mass.

Choose the fertilizer to mix with Maxthor SC GC based on local turf fertilizer requirements. There may be differences in the capacity of fertilizers to absorb the amount of liquid necessary to deliver the Maxthor SC GC to the fertilizer. When the fertilizer can absorb all of the liquid, no additional precautions are needed to obtain a satisfactory dry mixture. If the absorptive capacity of the chosen fertilizer is insufficient to absorb the amount of water needed to correctly mix the Maxthor SC GC with the fertilizer and remain dry, the excess moisture may be removed by mixing a highly absorptive powder (such as Microcel E made by the John Mansville Corporation) into the fertilizer at a rate of 2% of the weight of the fertilizer or less. **DO NOT** impregnate straight coated ammonium nitrate or straight limestone with Maxthor SC GC as these materials will not absorb the insecticide. However, dry fertilizer blends that contain mixtures of these ingredients may be impregnated with Maxthor SC GC.

Bulk fertilizer impregnated with Maxthor SC GC should be applied immediately, not stored. All individual Federal and State regulations relating to the blending, labeling and use of fertilizer mixtures should be followed and no directions contained here should be interpreted as a waiver of these requirements.

IMPORTANT READ BEFORE USE

NOTICE: Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

CONDITIONS OF SALE: The Directions for Use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond the control of Ensystex II, Inc., it is impossible for Ensystex II to eliminate all risks associated with the use of this product such as ineffectiveness or unintended consequences. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Ensystex II harmless for any claims relating to such factors.

DISCLAIMER OF WARRANTIES: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when used in accordance with the Directions for Use under normal conditions of use. ENSYSTE II MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, under abnormal conditions or under conditions not reasonably foreseeable by (or beyond the control of) seller or Ensystex II, Inc., and buyer assumes the risk of any such use.

LIMITATIONS OF LIABILITY: To the extent permitted by law, Ensystex II shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENSYSTE II AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT,

NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENSYSTE II, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

Maxthor is a registered trademark of Ensystex II, Inc.

EPA 20100222

Material to be added to an e-Jacket/Jacket

Reg. No. 81824-6

Description: _____

1. ☐ Placement within the e-Jacket/jacket:

- ☐ Default: (chronological, top = newest)
- ☐ File Location: (PDF page number, i.e., "before page 45")

2. ☒ Send to Data Extraction contractors this material:

- ☐ Newly stamped accepted label
- ☐ Notification
- ☒ New CSF
- ☐ Other: _____

3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name:

REGINA FOUSHEE-SMITH

Phone: 703-605-0780

Division: RD

Date: _____



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

November 10, 2009

Mr. Michael Kellogg
Ensyslex II, Inc
c/o Pyxis Regulatory Consulting, Inc.
4110 136th St. NW
Gig Harbor, WA 98332

Subject: Submission of amended CSF for (Basic and Alternate Formulation #1 and Alternate Formulation #2)
Product Name: Maxxthor SC GC
EPA Reg. No. 81824-6
Your submission dated October 26, 2009

Dear Mr. Kellogg:

Your submission to amend the CSF for (Basic and Alternate Formulation #1 and Alternate Formulation #2) dated October 26, 2009 has been reviewed and found to be unacceptable.

Please review the enclosed Inert Clearance Status Form for further information.

If you have any questions regarding this action, please contact Regina Foushee-Smith at (703) 605-0780.

A handwritten signature in black ink, appearing to read "Richard Gebken", is positioned above the typed name.

Richard Gebken
Product Manager (13)
Insecticide Branch
Registration Division (7505P)

Enclosure: Inert Clearance Status Form

Receipt for Section 3

S: 861284 Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3 Fee For Service: ☐ Yes ☒ No

Application Type: Amendment Billable: ☐ Yes ☒ No

Company: 81824 ENSYSTEX II, INC. V

Risk Manager: Registration Division, Risk Management Team 13

Product #: 81824-6 Product Name: MAXXTHOR SC GC

Override#:

Me Too Section3: Me Too Product Name:

Application Date: 26-Oct-2009 OPP Rec'd Date: 28-Oct-2009

Front End Date: 28-Oct-2009 Risk Manager Send Date: 29-Oct-2009

FFS Due Date: Negotiated Due Date:

OPP Target Date:

Fast Track: ☐ New Ingredient: ☐

Receipt Description: CSf amendment

Form A: ☐ Signature Date: Form B: ☐ Signature Date:

New Ingredient Request Date:

New Ingredient Received Date:

Receipt Content: CSF Des:

View/Edit

Print Letter

Enter More Information

Tracking

PM 13

I needs not approved.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

October 29, 2009

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JANELLE KAY
PYXIS REGULATORY CONSULTING, INC.
ENSYSTEX II, INC.
4110 136TH ST, NW
GIG HARBOR, WA 98332-

PRODUCT NAME: MAXXTHOR SC GC
COMPANY NAME: ENSYSTEX II, INC.
OPP IDENTIFICATION NUMBER:
EPA FILE SYMBOL: 81824-6
EPA RECEIPT DATE: 10/28/09

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Registration Division, Risk Management Team 13, at (703) 305-6701.

Sincerely,

P. E. Moore

Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Fee for Service

^{perm}
{8612843~

This package includes the following

- ☐ New Registration
- ☒ Amendment

- ☐ Studies? ☐ Fee Waiver?
- ☐ volpay % Reduction: ____

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 13

Receipt No.

S- 861284

EPA File Symbol/Reg. No.

81824-6

Pin-Punch Date:

10/28/2009

☒ This item is NOT subject to FFS action.

Action Code:

Requested:

Granted:

Amount Due: \$ ____

Parent/Child Decisions:

☐ Inert Cleared for Intended Use

*Inerts not approved - see status form,
S. Rock 10/30/09*

☒ Uncleared Inert in Product

Reviewer: Tompson

Date: 10-29-09

Remarks:



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 81824-6	2. EPA Product Manager R. Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ensystex II, Inc. / Maxxthor SC GC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Ensystex II, Inc. c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of an amendment to the Confidential Statements of Formula (Basic Formulation, Alternate Formulation #1 and Alternate Formulation #2). As no data are being submitted with this amendment, nor will data need to be reviewed to approve the proposed amendment, Ensystex believes this action qualifies as a Fast Track amendment and is not subject to a Pesticide Registration Service Fee.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 3/4, 1, 5 gallon		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Michael Kellogg	Title Agent	Telephone No. (Include Area Code) (253) 853-7369
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Agent	
4. Typed Name Michael Kellogg	5. Date 10/26/09	

PYXIS REGULATORY CONSULTING, INC.

4110 136th St. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

CONTAINS CONFIDENTIAL BUSINESS INFORMATION

October 26, 2009

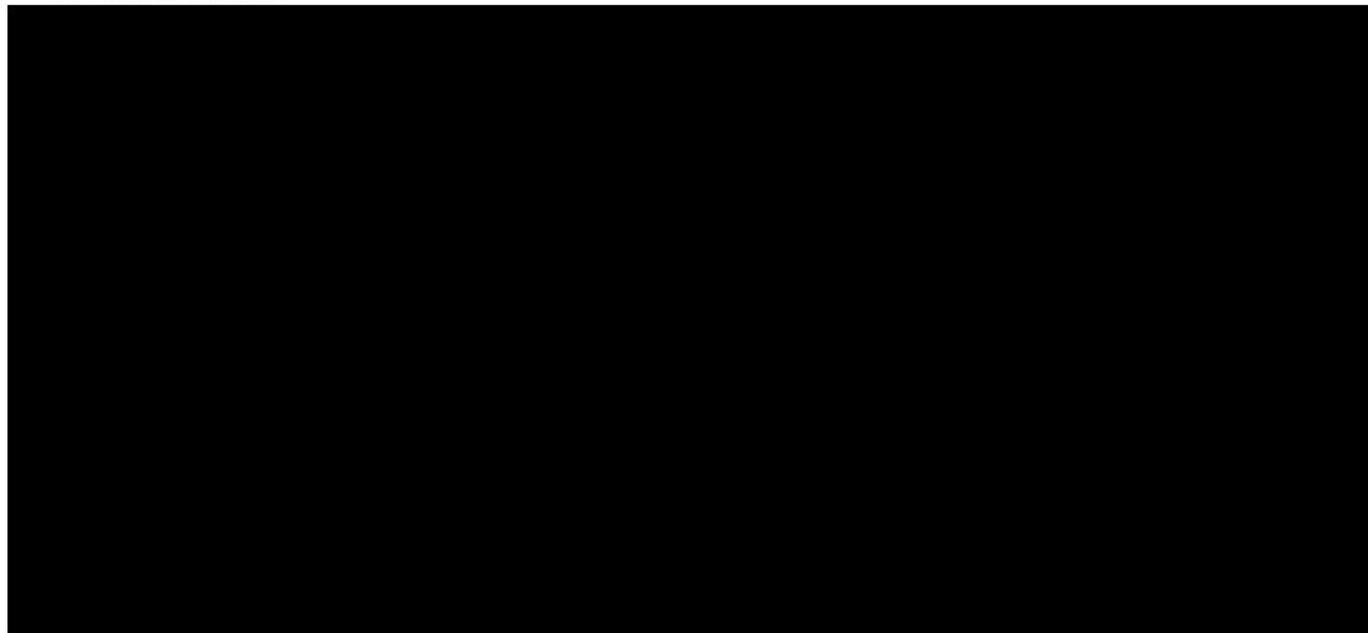
COURIER DELIVERY

Richard Gebken (PM 13)
Document Processing Desk (**AMEND**)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

RE: Ensystex II, Inc. – Maxxthor SC GC (EPA Reg. No. 81824-6)
Amendment to the Confidential Statements of Formula (CSF)

Dear Mr. Gebken,

On behalf of Ensystex II, Inc. please find the enclosed amendment to the Maxxthor SC GC CSF's (Basic and Alternate Formulation #1) and the addition of Alternate Formulation #2. Ensystex II is revising the CSF's as per below:



In support of this amendment, we submit the following documents:

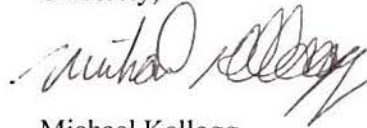
1. Copy of the cover letter with Confidential Business Information redacted
2. Completed Application for Amendment (EPA Form 8570-1)
3. Two (2) copies of the Confidential Statements of Formula (labeled Basic, Alternate Formulation #1 and Alternate Formulation #2 dated October 26, 2009)
4. MSDS' for the inert ingredients listed above
5. Letter of Authorization

Manufacturing process information may be entitled to confidential treatment

The Basic, Alternate Formulation #1 and Alternate Formulation #2 CSF's submitted with this amendment application are intended to **REPLACE** any previously approved CSF's for Maxxthor SC GC.

As no data are being submitted with this amendment, nor will data need to be reviewed to approve the proposed amendment, Ensystex believes this action qualifies as a Fast Track amendment and is not subject to a Pesticide Registration Service Fee. Please feel free to call me if you have any questions or need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Kellogg", written over a horizontal line.

Michael Kellogg

Enclosures

cc: D. Nimocks; Ensystex II, Inc.

PYXIS REGULATORY CONSULTING, INC.

4110 136th St. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

CONTAINS CONFIDENTIAL BUSINESS INFORMATION

October 26, 2009

COURIER DELIVERY

Richard Gebken (PM 13)
Document Processing Desk (**AMEND**)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

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Amendment to the Confidential Statements of Formula (CSF)

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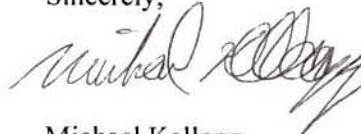
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Sincerely,

A handwritten signature in black ink, appearing to read "Michael Kellogg", with a stylized flourish at the end.

Michael Kellogg

Enclosures

cc: D. Nimocks; Ensystex II, Inc.

INERT CLEARANCE STATUS FORM

Reviewer Name: Sandra Rock			Request date: 10/30/2009
Tel: 703-308-6164	RD/IIAB	CUBE: S-7982	MAIL CODE: 7505P

A. COMMENTS:

B. PESTICIDE PRODUCT INFORMATION:

Receipt Number: S-861283	Date on CSF: 10/26/2009	Food-Use Pesticide: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EPA Reg. No/File Symbol: 83923-5	Formulation: Basic & Alt. #1 and #2	
Product Name: Maxxthor SC GC		

C. INGREDIENT INFORMATION:

Tolerance Exemption(s)¹

Ingredient No.1

	910	920	930	940	950	960
Chem. Name						
Trade Name: XXXXXXXXXX						
CAS Reg. No.:						
Comments: This trade product is not sufficiently identified by the MSDS provided. Please provide full compositional information including the manufacturer, trade name, constituent names, CAS numbers, and weight/weight percent composition (100% full composition).						

Ingredient No. 2

	910	920	930	940	950	960
Chem. Name:						
Trade Name:						
CAS Reg. No.:						
Comments:						

Reviewer Name: Sandra Rock

Review Date: 10/30/2009

Inert ingredient information may be entitled to confidential treatment

¹Language from the Code of Federal Regulations (40 CFR 180, subpart D):

40 CFR 180.910: Inert ingredients used pre- and post-harvest; 40 CFR 180.920: Inert ingredients used pre-harvest; 40 CFR 180.930: Inert ingredients applied to animals; 40 CFR 180.940: Tolerance exemptions for active and inert ingredients for use in antimicrobial formulations; 40 CFR 180.950: Tolerance exemptions for minimal risk active and inert ingredients; and 40 CFR 180.960: Polymers.

ENSYSTEX II, Inc.

2709 Breezewood Ave., P. O. Box 2587, Fayetteville, NC 28302-2587
Telephone - 1-910-484-6163 x 203 Fax - 1-910-484-3378

August 18, 2004

To Whom It May Concern:

Re Letter of Authorization

Dear Sir or Madam:

Please let this letter serve to confirm that Pyxis Regulatory Consulting, Inc. is authorized to act as agent for Ensystex II, Inc. (EPA Company Number pending), before the U.S. Environmental Protection Agency and state governmental agencies in all matters regarding our pesticide registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq. and state law.

If you have any questions, please do not hesitate to contact me.

Sincerely,

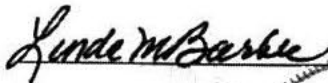


David R Nimocks III
President

cc: Pyxis Regulatory Consulting, Inc.

State of North Carolina
County of Cumberland

I, Linda Barber, a Notary Public for said County and State, do hereby certify that David R. Nimocks, III personally appeared before me this day, August 18, 2004 and acknowledged the due execution of the foregoing instrument.



7A5-2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JAN 16 2008

Mr. Michael Kellogg, Agent
Pyxis Regulatory Consulting, Inc.
4110 13th. St. NW
Gig Harbor, WA 98332

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Alternate Brand Name "Maxthor SG GC"
EPA Reg. No. 81824-6
Application Dated November 14, 2007

Dear Mr. Kellogg:

The Agency is in receipt of your 11/14/2007 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in cursive script, appearing to read "Rachel C. Halloran".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

STC

PYXIS REGULATORY CONSULTING, INC.

4110 136th St. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

November 14, 2007

COURIER DELIVERY

George LaRocca (PM 13)
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

RE: Ensystex II, Inc. – Maxxthor SG GC (EPA Reg. No. 81824-6)
Notification of an Alternate Brand Name per PRN 98-10

Dear Mr. LaRocca,

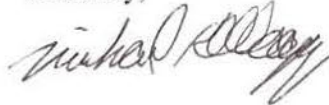
On behalf of Ensystex II, Inc. please find the enclosed notification of the addition of an alternate brand name for Ensystex II's Maxxthor SG GC (EPA Reg. No. 81824-6). The alternate brand name is "Maxthor SG GC" (only one "x" will appear in the product name "Maxthor" for this requested alternate brand name vs. the primary brand name which contains two "x" in the product name "Maxxthor").

In support of this notification, we submit the following documents:

1. Completed Application for Registration (EPA Form 8570-1)
2. One (1) copy of the Maxthor SG GC labeling with tracked changes
3. One (1) copy of the Maxthor SG GC labeling with changes incorporated
4. Letter of Authorization

Please feel free to call me if you have any questions or need any additional information.

Sincerely,



Michael Kellogg

Enclosures

cc: David Nimocks; Ensystex II, Inc.



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 81824-6	2. EPA Product Manager G. LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ensystex II, Inc. / Maxxthor SG GC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Ensystex II, Inc. c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of the addition of an Alternate Brand Name per PR Notice 98-10. The alternate brand name is "Maxxthor SG GC". This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	
		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product.	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Michael Kellogg	Title Agent	Telephone No. (Include Area Code) (253) 653-7369	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Agent		
4. Typed Name Michael Kellogg	5. Date 11/14/07		

RESTRICTED USE PESTICIDE

Toxic to Fish and Aquatic Organisms

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.



MAXTHOR SC GC

To control pests of turf and ornamentals on golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings.

Active Ingredient:	By Wt.
Bifenthrin*	7.9%
Other Ingredients:	92.1%
TOTAL:	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

EPA Reg. No. 81824-6 EPA Est. 68850-NC-001

Maxthor SC GC contains 2/3 pounds active ingredient per gallon.

STOP – Read the label before use
KEEP OUT OF REACH OF CHILDREN
CAUTION

DO NOT USE THIS PRODUCT ON GOLF COURSES IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK

(PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.)

(TO THE USER: If you cannot read and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR THOR (367-8467) or visit www.for-thor.com.

NET CONTENTS

ENSYSTEX II, Inc.

Fayetteville, NC 28303

FIRST AID

If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

Deleted: MAXXTHOR

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-(888)-398-3772 for emergency medical treatment information.

NOTE TO PHYSICIAN

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

Deleted: Maxxthor

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment: During mixing and applying the product wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or

allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply by aircraft or through an irrigation or chemigation system. Do not allow spray to drift onto ponds, streams or lakes. Not for use on sod farms, nurseries or inside commercial green houses. Do not apply inside livestock barns.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces ~~Maxthor~~ SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces ~~Maxthor~~ SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces ~~Maxthor~~ SC GC) per acre can be made.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Handle and open container in a manner so as to prevent spillage. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Spill: Confine it, avoid contact, isolate area and keep animals and unprotected persons away. Form dike around spill area and/or absorb spill with absorbent materials, such as sand, cat litter or clay. Place damaged package in a holding container and identify contents. Contact Ensysyex II at 1-866-367-8467 or Chemtrec at 1-800-424-9300 for any assistance.

Application Use Rates Conversion

Use rates for ~~Maxthor~~ SC GC are stated in three different ways:

Pounds active ingredient per acre

Fluid ounces of ~~Maxthor~~ SC GC per acre

Fluid ounces of ~~Maxthor~~ SC GC per 1000 square feet

Application Use Rate Conversion

Use the following formulas to convert between the three ~~Maxthor~~ SC GC use rates.

If you know pounds active ingredient you want to apply and you want to calculate the fluid ounces of ~~Maxthor~~ SC GC that contains this amount of active ingredient:

Fluid ounces ~~Maxthor~~ SC GC = Pounds active ingredient X 192

If you want to know the pounds active ingredient in any amount of ~~Maxthor~~ SC GC:

Pounds active ingredient = Fluid ounces ~~Maxthor~~ SC GC / 192

If you want to convert between fluid ounces per 1000 square feet and fluid ounces per acre (or vice versa):

Fluid ounces ~~Maxthor~~ SC GC per 1000 square feet = Fluid ounces ~~Maxthor~~ SC GC per acre / 43.56

Fluid ounces ~~Maxthor~~ SC GC per acre = Fluid ounces ~~Maxthor~~ SC GC per 1000 square feet X 43.56

APPLICATION FOR TURF PESTS

~~Maxthor~~ SC GC controls a wide range of turfgrass insect and mite pests. ~~Maxthor~~ SC GC is not for use on turfgrass grown for sale, commercial seed production, for other commercial use or for research.

Application Sites

Permitted sites include golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings. **New York State only: Do not apply ~~Maxthor~~ SC GC containing solutions to grass or turf within 100 feet of a body of water (lake, pond, river, stream, wetland or drainage ditch).**

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply to water logged turf or to areas of soil that are water saturated.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

Do not make an application intended to control surface feeding pests if rain is forecast within 12 hours of the intended application completion time (or alternately, if rain is forecast between the intended application completion time and the time the application would be expected to have dried).

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small patch of a type of grass (with observations over one week to detect the occurrence of negative effects) before application of solutions to large areas of that type of grass.

~~Maxthor~~ SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods and Equipment

Apply solution as a broadcast treatment in a quantity sufficient to wet all foliage. If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing and cultural practices to control different types of pests.

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When applying to turf, apply with ground application equipment only. Use the largest nozzle size that still provides adequate coverage. Application nozzles should be within two feet of the ground during discharge of the solution.

Reapplication

Reapplications may be necessary particularly in the event of high pest pressure. Reapply as needed based on pest infestation however do not exceed the pounds active ingredient per acre yearly application limits. **New York State only: Do make a single reapplication of Maxthor SC GC if there is renewed insect activity, but not sooner than two weeks after first application.**

Turf Application Use Rates and Volumes

Use rates for Maxthor SC GC for turf pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet and fluid ounces of Maxthor SC GC per acre.

Apply Maxthor SC GC at 0.25 to 1.0 fluid ounces per 1000 square feet (10 to 40 fluid ounces per acre) depending on the use rate(s) for the target pest. Recommended rates for specific pests within this range are given below.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxthor SC GC) per acre can be made per year.

Depending on the length and/or density of grass being treated, application volumes of up to 10 gallons per 1000 square feet can be made in order to obtain uniform coverage. If a minimal volume application is made (2 gallons per 1000 square feet) and the target pest, such as mole crickets or chinch bugs for example, are located in the thatch or below the surface, irrigate the treated area with at least 0.25 inches of water immediately after the application.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rates are not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate in excess of the maximum label rate.

Turf Pest Application Use Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 0.5 fluid ounce of Maxthor SC GC per 1000 square feet (20 fluid ounces per acre) can be used to control any of the listed pests. Use the higher application rates when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Turf Applications			
Use Rate	Pounds active ingredient per acre	Ounces Maxthor SC GC per acre	Ounces Maxthor SC GC per 1000 sq. feet
A	0.05	10.0	0.25
B	0.05-0.10	10-20	0.25-0.50
C	0.10	20	0.50
D	0.20	40	1.0

Turf Pests Grouped by Use Rates

Use Rate A: Armyworms, Cutworms, Sod Webworms

Use Rate B: Annual Bluegrass or Hyperodes Weevil (Adult), Ants, Billbugs (Adult), Black Turfgrass Ataenius (Adult), Centipede, Chinch Bug, Cricket, Earwigs, Fleas (Adult), Grasshoppers, Leafhoppers, Mealybugs, Millipedes, Mites, Mole Cricket (Nymph and Adult), Pillbugs, Sowbugs

Use Rate C: Fleas (Larvae), Imported Fire Ant, Japanese Beetle (Adult), Mole Cricket, Ticks

Use Rate D: Ants, Imported Fire Ant, Mole Cricket (Nymph and Adult). This use rate applicable only when infestations are widespread

Mixing Table for Maxthor SC GC for Turf Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Pounds AI per Acre	Use these amounts of Maxthor SC GC (fluid ounces) diluted to these volumes (gallons) of finished spray		
		10 gal.	25 gal.	100 gal.
0.5	0.05	5.0	12.5	50.0
	0.1	10.0	25.0	100.0
	0.2	20.0	50.0	200.0
1	0.05	2.5	6.25	25.0
	0.1	5.0	12.5	50.0
	0.2	10.0	25.0	100.0
2.3 (100 gallons per acre)	0.05	1.1	5.4	10.9
	0.1	2.2	10.9	21.7
	0.2	4.4	21.7	43.5

Calculating Amounts of Maxthor SC GC to Mix for Turf Pests

Determine any amount of Maxthor SC GC to mix and apply for turf pests as follows:

Calculate for an area measured in square feet

A = Square feet of area to be treated / 1000 (5,500 sq. ft. / 1000 = 5.5)

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per 1000 square feet taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Calculate for an area measured in acres

A = Number of acres to be treated

B = Use Rate for the target pest(s) in fluid ounces Maxthor SC GC per acre taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Turf Pests

Annual Bluegrass or Hyperodes Weevil (Adult): Consult your Cooperative Extension Service for advice on application timing in your area.

Armyworms, Cutworms, Sod Webworms: Do not water or mow grass within 24 hours of application for optimum control of these surface feeding insects.

Billbug Adults: Make application when adults first appear in the spring or when chewed or brown grass indicates damage. Consult your Cooperative Extension Service for advice on more exact application timing in your area.

Chinch Bugs: Water grass immediately after application to help move active ingredient deeper into thatch where these insects live. The highest application rate may be necessary to achieve control during the summer.

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Imported Fire Ant: Combine broadcast treatments to control newly invading ants and mound treatments to eliminate existing ant colonies. Treat mounds according to the *Application for Structural Pests Outside and Around Structures* section of this label. For best results, make application during cool weather (65 to 80 degrees F) or in the early morning or late evening.

Mole Crickets: Make application late in the day and water grass immediately after application to move treatment down into the grass where these insects live. If soil is not moist, water before treatment also to bring crickets closer to surface before application. Treating at the time of peak egg hatch increases control of hatching nymphs. Frequent applications may be necessary to control larger nymphs later in the year.

Ticks: (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever) - Treat the entire area where ticks could be present. Begin treatments in the spring. Ticks may be re-introduced by host animals in the surrounding area. Retreats may be necessary to achieve and maintain control during periods of high pest pressure.

APPLICATION FOR ORNAMENTAL PESTS

Maxthor SC GC controls a wide range of insects and mites on trees, shrubs, foliage plants, non-bearing fruit and nut trees and flowers. Non-bearing trees are perennial plants that will not produce a harvestable agricultural commodity within the next 12 months. Maxthor SC GC is not for use on plants being grown for sale, for commercial seed production or for research purposes.

Application Sites

For use on ornamental plants including but not limited to trees, shrubs, ground covers, bedding plants and foliage plants being used for decorative or climate modification purposes. Permitted sites include golf courses, ornamental gardens, parks, grounds, landscapes and interior plantscapes on and around residential, commercial, industrial and public buildings.

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small number of a type of plant (with observations over one week to detect the occurrence of negative effects) before application of solution to large numbers of that type of plant.

Maxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the label rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods

Apply solution in a quantity sufficient to wet all foliage as a full coverage foliar spray. It may also be necessary to treat non-foliage parts of plants such as trunks and bark to control some pests based on where the pest may be located on the plant at a particular life stage.

If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing, cultural practices and placement of treatment on different parts of plants to control different pests.

Reapplication

Reapplications may be necessary as plant growth occurs and new foliage appears or in the event of high pest pressure. Reapply as needed based on pest re-infestation.

Ornamental Application Use Rates and Volumes

Use rates for Maxthor SC GC for ornamental pests are stated in fluid ounces of Maxthor SC GC per 1000 square feet.

Recommended ornamental application use rates based on the target pest, range between 0.125 to 1.0 fluid ounce of Maxthor SC GC per 1,000 square feet. Recommended rates for specific pests within this range are given below. However, applications of up to 1.0 fluid ounce per 1000 square feet are permitted at the discretion of the applicator to control any pest.

The calculated amount of Maxthor SC GC can be applied in any volume of water as long as the maximum label rate of 1.0 fluid ounce per 1000 feet is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such underdosing will not result in an application rate per 1000 square feet in excess of the maximum label rate. Typical application volume is 100 gallons per acre.

Ornamental Pest Application Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 1 fluid ounce of Maxthor SC GC per 1000 square feet can be used to control any of the listed pests. Use the higher application rate when maximum residual control is needed.

Use Rate Table for Maxthor SC GC for Ornamental Applications	
Use Rate	Fluid ounces Maxthor SC GC per 1,000 square feet (Range)
A	0.125⇒0.250
B	0.250⇒0.500
C	0.500⇒1.000

Ornamental Pests Grouped by Use Rates

Use Rate A: Aphids, Bagworms, Cutworms, Elm Leaf Beetle, Fall Webworm, Lace Bug, Leaf Feeding Caterpillar, Plant Bugs (*Lygus spp.*) Tent Caterpillar

Use Rate B: Beet Armyworm, Black Vine Weevil (Adult), Brown Soft Scale, Broad Mite, Budworms, California Red Scale (Crawler), Centipedes, Citrus Thrip, Clover Mite, Crickets, Diaprepes (Adult), Earwig, European Red Mite, Flea Beetles, Fungus Gnat (Adult), Grasshoppers, Gypsy Moth Caterpillar, Leafhoppers, Leafrollers, Mealybugs, Millipedes, Mites, Orchid Weevil, Pillbugs, Pine Needle Scale (Crawlers), San Jose Scale (Crawlers), Sowbugs, Spider Mites, Spiders, Thrips, Tip Moth, Twig Borers, Wasps, Weevils, Whiteflies

Use Rate C: Ants, Imported Fire Ant, Japanese Beetle (Adult), Leafminers, Pecan Leaf Scorch Mite, Pine Shoot Beetle (Adults)

Mixing Table for Maxthor SC GC for Ornamental Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Fluid oz. / 1000 sq. ft.	Use these amounts of Maxthor SC GC diluted to these volumes of finished spray		
		5 gal.	10 gal.	25 gal.
2	0.125	0.31	0.63	1.56
	0.250	0.63	1.25	3.13
	0.500	1.25	2.50	6.25
	1.000	2.50	5.00	12.50
5	0.125	0.13	0.25	0.63
	0.250	0.25	0.50	1.25
	0.500	0.50	1.00	2.50
	1.000	1.00	2.00	5.00
10	0.125	--	0.13	0.31
	0.250	--	0.25	0.63
	0.500	--	0.50	1.25
	1.000	--	1.00	2.50

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Calculating Amounts of Maxthor SC GC to Mix for Ornamental Pests

To mix and apply any amount of Maxthor SC GC for ornamental pests, determine:

A = Square feet of area to be treated / 1000 (5,500 sq. ft. / 1000 = 5.5)

B = Use Rate per 1000 square feet for the target pest(s) in fluid ounces Maxthor SC GC taken from the Use Rate Table. If treating for more than one pest, select the highest rate.

Calculate the amount of Maxthor SC GC to mix for ornamental pests as follows:

Fluid Ounces Maxthor SC GC to use = A X B

Mix this amount of Maxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxthor SC GC active ingredient contained in the mixture can be determined using the following formula:

% a.i. = (0.0617 X fluid oz. of Maxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Ornamental Pests

Bagworms: Spray when bagworms first begin to hatch. Apply directly to the larvae. Treatment is most effective against young larvae.

APPLICATION FOR STRUCTURAL PESTS OUTSIDE AND AROUND STRUCTURES

Maxthor SC GC controls a wide range of structural pests including nuisance pests outside of structures. Maxthor SC GC can be applied on or around any type of residential, commercial, industrial or public structure or building. Permitted sites include the exterior of homes, apartments, office buildings, industrial buildings and stores.

Dilution of Maxthor SC GC for Structural Pests

For structural pests, use rates for Maxthor SC GC are expressed and mixed according to the percentage (%) concentration solution it forms when mixed in water. Each 0.166 fluid ounce (1 teaspoon) of Maxthor SC GC that is added to one gallon of water increases the concentration of Maxthor SC GC in that one gallon of water by 0.01%. For example, to make a 0.06% solution in one gallon of water, mix 1 fluid ounce (6 teaspoons) of Maxthor SC GC in one gallon of water. Use the conversion table and formulas below to determine the amount of Maxthor SC GC to add to any quantity of water.

Mixing Table for Maxthor SC GC for Structural Pests		
% to mix	Fluid ounces to add per gallon to mix this %	Teaspoons to add per gallon to mix this %
0.03	0.500	3
0.04	0.666	4
0.05	0.833	5
0.06	1.000	6

29.57 milliliters = 2 tablespoons = 6 teaspoons = 1 Fluid ounce

Calculating Amount of Maxthor SC GC to Mix for Structural Pests

Calculate the amount of Maxthor SC GC to mix for structural pests as follows:

A = Volume of water, in gallons, into which the Maxthor SC GC will be mixed. Express any partial gallons as decimal fractions (1/2 = .5)

B = Fluid ounces (or tablespoons) Maxthor SC GC per gallon from Mixing Table. Select the desired % concentration based on the site of application and the pest(s) to be controlled. Read across to find amount of Maxthor SC GC to add per gallon in fluid ounces or teaspoons.

Fluid ounces (or teaspoons) Maxthor SC GC to mix = A X B

Mix this amount of Maxthor SC GC in the predetermined amount of water (A). Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

Pests Controlled

Ants (including Fire Ant), Bees, Biting Flies, Boxelder Bug, Centipedes, Crickets, Earwigs, Elm Leaf Beetle, Firebrats, Fleas, Flies, Millipedes, Mosquitoes, Pillbugs, Roaches (including Cockroaches), Silverfish, Sowbugs, Spiders, Ticks (including Brown Dog Tick) and Wasps.

Application Methods

Apply Maxthor SC GC as a solution in the form of a general surface, spot, crack and crevice, pinstream or coarse spray. Do not apply as a space spray.

Application Use Rates and Volumes

Use a 0.03% to 0.06% solution of Maxthor SC GC. Use a spray volume of up to 10 gallons of solution per 1,000 square feet. Higher application volumes may be used if necessary to sufficiently wet vegetation and landscaping with the spray solution.

Re-Application

Treatments should not be repeated more often than once every 7 days. The best efficacy and longest residual control is achieved when the highest concentration is used.

Application Locations

Apply spray to the exterior surfaces of structures and to grounds, lawns, landscaping, plants and hard surface areas adjacent to structures. Can also be applied to any areas where pests congregate or have been seen.

Perimeter Band Treatment

To help prevent pest infestation of structures, create a treated zone or band on the structure, soil and vegetation around the entire perimeter of a structure. Apply solution to all surfaces within a band beginning 6 to 10 feet from the exterior foundation of the structure that extends back to the structure and then continues 2 to 3 feet up the exterior surface of the structure from the ground. Application volume will depend upon the nature of the surface being treated. Mulch areas; for example, require more volume and hard surface areas requiring less.

Control of Specific Structural Pests Outdoors

Ants (Nuisance ants other than Carpenter Ants) Outdoors: To achieve the highest level of control, locate and directly treat ant nests. Apply solution to ant trails, around doors and windows and at points where ants can be expected to forage or congregate.

For Ant (including Fire Ant) Mounds: Treat mounds and area within a 2 foot radius of the center of the mound with 1-2 gallons of a 0.06% solution. When mounds exceed 12 inches in size use the highest volume of solution. Applications in cool weather (65 to 80 degrees F) or the cooler parts of the day are most effective. Do not apply treatment during the heat of the day.

Bees, Wasps, Hornets, and Yellow Jackets: Always use the highest rate. Make application in late evening when insects are at rest at the nest for best results and to avoid stings. Spray nest openings in ground, in bushes and wherever insects may be nesting. Spray to the point of saturation. Spray as many insects as possible. Remove and destroy treated nests to prevent emergence of newly hatched insects.

Boxelder Bug: Apply directly to where insects have congregated at points of entry. It may be necessary to also treat trees.

Centipedes, Earwigs, Beetles, Millipedes, Pillbugs, Sowbugs: Thoroughly treat mulch areas. The reduction of moisture in mulch areas may also aid in control of these pests.

Mosquitoes: Apply solution to lawns and landscaping, under decks and to building foundations. Refer to APPLICATIONS FOR ORNAMENTAL PESTS section for mixing and applying large amounts of solution against mosquitoes.

Fleas and Ticks: Treat the entire area where insects could be present. Begin treatments in the spring. Insects may be re-introduced by host animals in the surrounding area. Retreatment may be necessary to achieve and maintain control during periods of high pest pressure.

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IMPREGNATION OF MAXTHOR SC GC ON DRY BULK FERTILIZERS

For convenience, Maxthor SC GC may be impregnated on dry bulk fertilizers. Maxthor SC GC should be proportionally mixed into the fertilizer such that when the fertilizer is applied, the amount of Maxthor SC GC active ingredient delivered per unit of area using this method is identical to that achieved when Maxthor SC GC is applied mixed in water.

Impregnation: Use at least 100 pounds of fertilizer to deliver Maxthor SC to each acre of treated area. Impregnate Maxthor SC GC into the fertilizer using a method proven to distribute a liquid solution evenly throughout a dry bulk substance such as a rotary mixer equipped with a spray apparatus designed to uniformly apply a liquid evenly to a tumbling mass.

Choose the fertilizer to mix with Maxthor SC GC based on local turf fertilizer requirements. There may be differences in the capacity of fertilizers to absorb the amount of liquid necessary to deliver the Maxthor SC GC to the fertilizer. When the fertilizer can absorb all of the liquid, no additional precautions are needed to obtain a satisfactory dry mixture. If the absorptive capacity of the chosen fertilizer is insufficient to absorb the amount of water needed to correctly mix the Maxthor SC GC with the fertilizer and remain dry, the excess moisture may be removed by mixing a highly absorptive powder (such as Microcel E made by the John Mansville Corporation) into the fertilizer at a rate of 2% of the weight of the fertilizer or less. **DO NOT** impregnate straight coated ammonium nitrate or straight limestone with Maxthor SC GC as these materials will not absorb the insecticide. However, dry fertilizer blends that contain mixtures of these ingredients may be impregnated with Maxthor SC GC.

Bulk fertilizer impregnated with Maxthor SC GC should be applied immediately, not stored. All individual Federal and State regulations relating to the blending, labeling and use of fertilizer mixtures should be followed and no directions contained here should be interpreted as a waiver of these requirements.

IMPORTANT READ BEFORE USE

NOTICE: Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

CONDITIONS OF SALE: The Directions for Use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond the control of Ensysyex II, Inc., it is impossible for Ensysyex II to eliminate all risks associated with the use of this product such as ineffectiveness or unintended consequences. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Ensysyex II harmless for any claims relating to such factors.

DISCLAIMER OF WARRANTIES: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when used in accordance with the Directions for Use under normal conditions of use. ENSYSTEX II MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, under abnormal conditions or under conditions not reasonably foreseeable by (or beyond the control of) seller or Ensysyex II, Inc., and buyer assumes the risk of any such use.

LIMITATIONS OF LIABILITY: To the extent permitted by law, Ensysyex II shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENSYSTEX II AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT,

NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENSYSTEX II, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

Maxthor is a registered trademark of Ensysyex II, Inc.

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Material to be added to a Mini-Jacket (in the case where an e-Jacket exists)

Reg. No. 81824-6

Send to SIG: check box ☒

This material is:

€ New stamped-accepted label

~~€~~ New CSF

€ Notification

€ Final Printed Label

€ Other: _____

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be **NO STAPLES** in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: Behlinda Alexander

Phone: 305-7460 Division: RD

Date: 5-11-06



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
81824-6

Date of Issuance:
APR 21 2006

Term of Issuance:
Conditional

Name of Pesticide Product:
Maxxthor SC GC

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Ensystex II, Inc.
4110 136th St. NW
Gig Harbor, WA 98332

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), since you agreed in your letter dated October 27, 2004 that:

1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You will make the following label changes before you release the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 81824-6 ."
 - b) Add "such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyle chloride or viton" after "..... chemical resistant gloves" in the PPE statement.
 - c) Since this product is not subject to the WPS revise the PPE statements and precautions to read as follows:

"Personal Protective Equipment: During mixing and applying the product wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

d) You can delete the statements beginning, Remove clothing immediately if pesticide get inside..... And ending wash thoroughly and change into clean clothing". Under precautionary statement.

Signature of Approving Official:

George T. LaRocca
George T. LaRocca, Product Manager (13), IB/RD (7505C)

Date:

April 21, 2006

3. Please submit three (3) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

RESTRICTED USE PESTICIDE

Toxic to Fish and Aquatic Organisms

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.



ACCEPTED
with COMMENTS
In EPA Letter Dated
APR 21 2006
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
81824-X

MAXXTHOR SC GC

To control pests of turf and ornamentals on golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings.

Active Ingredient: By Wt.
Bifenthrin* 7.9%
Other Ingredients: 92.1%
TOTAL: 100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

EPA Reg. No. 81824-X EPA Est. 68850-NC-001

Maxxthor SC GC contains 2/3 pounds active ingredient per gallon.

STOP – Read the label before use

KEEP OUT OF REACH OF CHILDREN

CAUTION

DO NOT USE THIS PRODUCT ON GOLF COURSES IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK

(PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.)

(TO THE USER: If you cannot read and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR THOR (367-8467) or visit www.for-thor.com.

NET CONTENTS

ENSYSTEX II, Inc.

Fayetteville, NC 28303

FIRST AID

If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-(888)-398-3772 for emergency medical treatment information.

NOTE TO PHYSICIAN

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Personal Protective Equipment: All pesticide handlers (mixers, loaders and applicators) must wear long-sleeved shirt and long pants, socks and shoes. Mixers and loaders must wear protective eyewear and chemical resistant gloves. Applicators should wear waterproof gloves.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run-off

from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply by aircraft or through an irrigation or chemigation system. Do not allow spray to drift onto ponds, streams or lakes. Not for use on sod farms, nurseries or inside commercial green houses. Do not apply inside livestock barns.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxxthor SC GC) per acre. Do not apply during a single application more than 0.1 pounds active ingredient (20 fluid ounces Maxxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxxthor SC GC) per acre can be made.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Handle and open container in a manner so as to prevent spillage. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Spill: Confine it, avoid contact, isolate area and keep animals and unprotected persons away. Form dike around spill and/or absorb spill with absorbent materials, such as sand, cat or clay. Place damaged package in a holding container and identify contents. Contact Ensystex II at 1-866-367-8467 or Chemtrec at 1-800-424-9300 for any assistance.

Application Use Rates Conversion

Use rates for Maxxthor SC GC are stated in three different ways:

Pounds active ingredient per acre

Fluid ounces of Maxxthor SC GC per acre

Fluid ounces of Maxxthor SC GC per 1000 square feet.

Application Use Rate Conversion

Use the following formulas to convert between the three Maxxthor SC GC use rates.

If you know pounds active ingredient you want to apply and you want to calculate the fluid ounces of Maxxthor SC GC that contains this amount of active ingredient:

Fluid ounces Maxxthor SC GC = Pounds active ingredient X 192

If you want to know the pounds active ingredient in any amount of Maxxthor SC GC:

Pounds active ingredient = Fluid ounces Maxxthor SC GC / 192

If you want to convert between fluid ounces per 1000 square feet and fluid ounces per acre (or vice versa):

Fluid ounces Maxxthor SC GC per 1000 square feet = Fluid ounces Maxxthor SC GC per acre / 43.56

Fluid ounces Maxxthor SC GC per acre = Fluid ounces Maxxthor SC GC per 1000 square feet X 43.56

APPLICATION FOR TURF PESTS

Maxxthor SC GC controls a wide range of turfgrass insect and mite pests. Maxxthor SC GC is not for use on turfgrass grown for sale, commercial seed production, for other commercial use or for research.

Application Sites

Permitted sites include golf courses, lawns, parks, grounds, landscapes, recreational areas, athletic fields and on and around residential, commercial, industrial and public buildings. **New York State only: Do not apply Maxxthor SC GC containing solutions to grass or turf within 100 feet of a body of water (lake, pond, river, stream, wetland or drainage ditch).**

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply to water logged turf or to areas of soil that are water saturated.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

Do not make an application intended to control surface feeding pests if rain is forecast within 12 hours of the intended application completion time (or alternately, if rain is forecast between the intended application completion time and the time the application would be expected to have dried).

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small patch of a type of grass (with observations over one week to detect the occurrence of negative effects) before application of solutions to large areas of that type of grass.

Maxxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods and Equipment

Apply solution as a broadcast treatment in a quantity sufficient to wet all foliage. If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing and cultural practices to control different types of pests.

When applying to turf, apply with ground application equipment only. Use the largest nozzle size that still provides adequate coverage. Application nozzles should be within two feet of the ground during discharge of the solution.

Reapplication

Reapplications may be necessary particularly in the event of high pest pressure. Reapply as needed based on pest reinfestation however do not exceed the pounds active ingredient per acre yearly application limits. **New York State only: Do make a single reapplication of Maxxthor SC GC if there is renewed insect activity, but not sooner than two weeks after first application.**

Turf Application Use Rates and Volumes

Use rates for Maxxthor SC GC for turf pests are stated in fluid ounces of Maxxthor SC GC per 1000 square feet and fluid ounces of Maxxthor SC GC per acre.

Apply Maxxthor SC GC at 0.25 to 1.0 fluid ounces per 1000 square feet (10 to 40 fluid ounces per acre) depending on the use rate(s) for the target pest. Recommended rates for specific pests within this range are given below.

During any year do not apply at a site more than 0.2 pounds active ingredient (40 fluid ounces Maxxthor SC GC) per acre. Do not apply a single application more than 0.1 pounds active ingredient (20 fl. ounces Maxxthor SC GC) per acre except, when treating widespread ant or mole cricket infestations, a single application of 0.2 pounds active ingredient (40 fluid ounces Maxxthor SC GC) per acre can be made per year.

Depending on the length and/or density of grass being treated, application volumes of up to 10 gallons per 1000 square feet can be made in order to obtain uniform coverage. If a minimal volume application is made (2 gallons per 1000 square feet) and the target pest, such as mole crickets or chinch bugs for example, are located in the thatch or below the surface, irrigate the treated area with at least 0.25 inches of water immediately after the application.

The calculated amount of Maxxthor SC GC can be applied in any volume of water as long as the maximum label rates are not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate in excess of the maximum label rate.

Turf Pest Application Use Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 0.5 fluid ounce of Maxxthor SC GC per 1000 square feet (20 fluid ounces per acre) can be used to control any of the listed pests. Use the higher application rates when maximum residual control is needed.

Use Rate Table for Maxxthor SC GC for Turf Applications			
Use Rate	Pounds active ingredient per acre	Ounces Maxxthor SC GC per acre	Ounces Maxxthor SC GC per 1000 sq. feet
A	0.05	10.0	0.25
B	0.05⇒0.10	10⇒20	0.25⇒0.50
C	0.10	20	0.50
D	0.20	40	1.0

Turf Pests Grouped by Use Rates

Use Rate A: Armyworms, Cutworms, Sod Webworms

Use Rate B: Annual Bluegrass or Hyperodes Weevil (Adult), Ants, Billbugs (Adult), Black Turfgrass Ataenius (Adult), Centipede, Chinch Bug, Cricket, Earwigs, Fleas (Adult), Grasshoppers, Leafhoppers, Mealybugs, Millipedes, Mites, Mole Cricket (Nymph and Adult), Pillbugs, Sowbugs

Use Rate C: Fleas (Larvae), Imported Fire Ant, Japanese Beetle (Adult), Mole Cricket, Ticks

Use Rate D: Ants, Imported Fire Ant, Mole Cricket (Nymph and Adult). This use rate applicable only when infestations are widespread

Mixing Table for Maxxthor SC GC for Turf Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Pounds AI per Acre	Use these amounts of Maxxthor SC GC (fluid ounces) diluted to these volumes (gallons) of finished spray		
		10 gal.	25 gal.	100 gal.
0.5	0.05	5.0	12.5	50.0
	0.1	10.0	25.0	100.0
	0.2	20.0	50.0	200.0
1	0.05	2.5	6.25	25.0
	0.1	5.0	12.5	50.0
	0.2	10.0	25.0	100.0
2.3 (100 gallons per acre)	0.05	1.1	5.4	10.9
	0.1	2.2	10.9	21.7
	0.2	4.4	21.7	43.5

Calculating Amounts of Maxxthor SC GC to Mix for Turf Pests

Determine any amount of Maxxthor SC GC to mix and apply for turf pests as follows:

Calculate for an area measured in square feet

A = Square feet of area to be treated / 1000 (5,500 sq. ft. / 1000 = 5.5)

B = Use Rate for the target pest(s) in fluid ounces Maxxthor SC GC per 1000 square feet taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxxthor SC GC to use = A X B

Calculate for an area measured in acres

A = Number of acres to be treated

B = Use Rate for the target pest(s) in fluid ounces Maxxthor SC GC per acre taken from the Use Rate Table. If treating for more than one type of pest, select the highest rate.

Calculate the amount of Maxxthor SC GC to mix for turf pests as follows:

Fluid Ounces Maxxthor SC GC to use = A X B

Mix this amount of Maxxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Turf Pests

Annual Bluegrass or Hyperodes Weevil (Adult): Consult your Cooperative Extension Service for advice on application timing in your area.

Armyworms, Cutworms, Sod Webworms: Do not water or mow grass within 24 hours of application for optimum control of these surface feeding insects.

Billbug Adults: Make application when adults first appear in the spring or when chewed or brown grass indicates damage. Consult your Cooperative Extension Service for advice on more exact application timing in your area.

Chinch Bugs: Water grass immediately after application to help move active ingredient deeper into thatch where these insects live. The highest application rate may be necessary to achieve control during the summer.

Imported Fire Ant: Combine broadcast treatments to control newly invading ants and mound treatments to eliminate existing ant colonies. Treat mounds according to the *Application for Structural Pests Outside and Around Structures* section of this label. For best results, make application during cool weather (65 to 80 degrees F) or in the early morning or late evening.

Mole Crickets: Make application late in the day and water grass immediately after application to move treatment down into the grass where these insects live. If soil is not moist, water before treatment also to bring crickets closer to surface before application. Treating at the time of peak egg hatch increases control of hatching nymphs. Frequent applications may be necessary to control larger nymphs later in the year.

Ticks: (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever) - Treat the entire area where ticks could be present. Begin treatments in the spring. Ticks may be re-introduced by host animals in the surrounding area. Retreats may be necessary to achieve and maintain control during periods of high pest pressure.

APPLICATION FOR ORNAMENTAL PESTS

Maxxthor SC GC controls a wide range of insects and mites on trees, shrubs, foliage plants, non-bearing fruit and nut trees and flowers. Non-bearing trees are perennial plants that will not produce a harvestable agricultural commodity within the next 12 months. Maxxthor SC GC is not for use on plants being grown for sale, for commercial seed production or for research purposes.

Application Sites

For use on ornamental plants including but not limited to trees, shrubs, ground covers, bedding plants and foliage plants being used for decorative or climate modification purposes. Permitted sites include golf courses, ornamental gardens, parks, grounds, landscapes and interior plantscapes on and around residential, commercial, industrial and public buildings.

Application Precautions and Preparations

Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

Do not apply when the wind velocity (including gusts) exceeds 10 miles per hour or when the wind direction favors drift of this product onto a body of water.

Do not apply within 25 feet of a body of water.

Do not apply when a temperature inversion exists.

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small number of a type of plant (with observations over one week to detect the occurrence of negative effects) before application of solution to large numbers of that type of plant.

Maxxthor SC GC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the label rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods

Apply solution in a quantity sufficient to wet all foliage as a full coverage foliar spray. It may also be necessary to treat non-foliage parts of plants such as trunks and bark to control some pests based on where the pest may be located on the plant at a particular life stage.

If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing, cultural practices and placement of treatment on different parts of plants to control different pests.

Reapplication

Reapplications may be necessary as plant growth occurs and new foliage appears or in the event of high pest pressure. Reapply as needed based on pest re-infestation.

Ornamental Application Use Rates and Volumes

Use rates for Maxxthor SC GC for ornamental pests are stated in fluid ounces of Maxxthor SC GC per 1000 square feet.

Recommended ornamental application use rates based on the target pest, range between 0.125 to 1.0 fluid ounce of Maxxthor SC GC per 1,000 square feet. Recommended rates for specific pests within this range are given below. However, applications of up to 1.0 fluid ounce per 1000 square feet are permitted at the discretion of the applicator to control any pest.

The calculated amount of Maxxthor SC GC can be applied in any volume of water as long as the maximum label rate of 1.0 fluid ounce per 1000 feet is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such underdosing will not result in an application rate per 1000 square feet in excess of the maximum label rate. Typical application volume is 100 gallons per acre.

Ornamental Pest Application Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 1 fluid ounce of Maxxthor SC GC per 1000 square feet can be used to control any of the listed pests. Use the higher application rate when maximum residual control is needed.

Use Rate Table for Maxxthor SC GC for Ornamental Applications	
Use Rate	Fluid ounces Maxxthor SC GC per 1,000 square feet (Range)
A	0.125⇒0.250
B	0.250⇒0.500
C	0.500⇒1.000

Ornamental Pests Grouped by Use Rates

Use Rate A: Aphids, Bagworms, Cutworms, Elm Leaf Beetle, Fall Webworm, Lace Bug, Leaf Feeding Caterpillar, Plant Bugs (*Lygus spp.*) Tent Caterpillar

Use Rate B: Beet Armyworm, Black Vine Weevil (Adult), Brown Soft Scale, Broad Mite, Budworms, California Red Scale (Crawler), Centipedes, Citrus Thrip, Clover Mite, Crickets, Diaprepes (Adult), Earwig, European Red Mite, Flea Beetles, Fungus Gnat (Adult), Grasshoppers, Gypsy Moth Caterpillar, Leafhoppers, Leafrollers, Mealybugs, Millipedes, Mites, Orchid Weevil, Pillbugs, Pine Needle Scale (Crawlers), San Jose Scale (Crawlers), Sowbugs, Spider Mites, Spiders, Thrips, Tip Moth, Twig Borers, Wasps, Weevils, Whiteflies

Use Rate C: Ants, Imported Fire Ant, Japanese Beetle (Adult), Leafminers, Pecan Leaf Scorch Mite, Pine Shoot Beetle (Adults)

Mixing Table for Maxxthor SC GC for Ornamental Applications				
Application Volume: Gallons/ 1000 sq. ft.	Use Rate: Fluid oz. / 1000 sq. ft.	Use these amounts of Maxxthor SC GC diluted to these volumes of finished spray		
		5 gal.	10 gal.	25 gal.
2	0.125	0.31	0.63	1.56
	0.250	0.63	1.25	3.13
	0.500	1.25	2.50	6.25
	1.000	2.50	5.00	12.50
5	0.125	0.13	0.25	0.63
	0.250	0.25	0.50	1.25
	0.500	0.50	1.00	2.50
	1.000	1.00	2.00	5.00
10	0.125	--	0.13	0.31
	0.250	--	0.25	0.63
	0.500	--	0.50	1.25
	1.000	--	1.00	2.50

Calculating Amounts of Maxxthor SC GC to Mix for Ornamental Pests

To mix and apply any amount of Maxxthor SC GC for ornamental pests, determine:

A = Square feet of area to be treated /1000 (5,500 sq. ft. /1000 = 5.5)

B = Use Rate per 1000 square feet for the target pest(s) in fluid ounces Maxxthor SC GC taken from the Use Rate Table. If treating for more than one pest, select the highest rate.

Calculate the amount of Maxxthor SC GC to mix for ornamental pests as follows:

Fluid Ounces Maxxthor SC GC to use = A X B

Mix this amount of Maxxthor SC GC in the amount of water needed to make the application. After mixing, the percent of Maxxthor SC GC active ingredient contained in the mixture can be determined using the following formula.

% a. i. = (0.0617 X fluid oz. of Maxxthor SC GC added) / gallons of water in container

Application Recommendations Against Specific Ornamental Pests

Bagworms: Spray when bagworms first begin to hatch. Apply directly to larvae. Treatment is most effective against young larvae.

APPLICATION FOR STRUCTURAL PESTS OUTSIDE AND AROUND STRUCTURES

Maxxthor SC GC controls a wide range of structural pests including nuisance pests outside of structures. Maxxthor SC GC can be applied on or around any type of residential, commercial, industrial or public structure or building. Permitted sites include the exterior of homes, apartments, office buildings, industrial buildings and stores.

Dilution of Maxxthor SC GC for Structural Pests

For structural pests, use rates for Maxxthor SC GC are expressed and mixed according to the percentage (%) concentration solution it forms when mixed in water. Each 0.166 fluid ounce (1 teaspoon) of Maxxthor SC GC that is added to one gallon of water increases the concentration of Maxxthor SC GC in that one gallon of water by 0.01%. For example, to make a 0.06% solution in one gallon of water, mix 1 fluid ounce (6 teaspoons) of Maxxthor SC GC in one gallon of water. Use the conversion table and formulas below to determine the amount of Maxxthor SC GC to add to any quantity of water.

Mixing Table for Maxxthor SC GC for Structural Pests		
% to mix	Fluid ounces to add per gallon to mix this %	Teaspoons to add per gallon to mix this %
0.03	0.500	3
0.04	0.666	4
0.05	0.833	5
0.06	1.000	6

29.57 milliliters = 2 tablespoons = 6 teaspoons = 1 Fluid ounce

Calculating Amount of Maxxthor SC GC to Mix for Structural Pests

Calculate the amount of Maxxthor SC GC to mix for structural pests as follows:

A = Volume of water, in gallons, into which the Maxxthor SC GC will be mixed. Express any partial gallons as decimal fractions (1/2 = .5)

B = Fluid ounces (or tablespoons) Maxxthor SC GC per gallon from Mixing Table. Select the desired % concentration based on the site of application and the pest(s) to be controlled. Read across to find amount of Maxxthor SC GC to add per gallon in fluid ounces or teaspoons.

Fluid ounces (or teaspoons) Maxxthor SC GC to mix = A X B

Mix this amount of Maxxthor SC GC in the predetermined amount of water (A). Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

Pests Controlled

Ants (including Fire Ant), Bees, Biting Flies, Boxelder Bug, Centipedes, Crickets, Earwigs, Elm Leaf Beetle, Firebrats, Fleas, Flies, Millipedes, Mosquitoes, Pillbugs, Roaches (including Cockroaches), Silverfish, Sowbugs, Spiders, Ticks (including Brown Dog Tick) and Wasps.

Application Methods

Apply Maxxthor SC GC as a solution in the form of a general surface, spot, crack and crevice, pinstream or coarse spray. Do not apply as a space spray.

Application Use Rates and Volumes

Use a 0.03% to 0.06% solution of Maxxthor SC GC. Use a spray volume of up to 10 gallons of solution per 1,000 square feet. Higher application volumes may be used if necessary to sufficiently wet vegetation and landscaping with the spray solution.

Re-Application

Treatments should not be repeated more often than once every 7 days. The best efficacy and longest residual control is achieved when the highest concentration is used.

Application Locations

Apply spray to the exterior surfaces of structures and to grounds, lawns, landscaping, plants and hard surface areas adjacent to structures. Can also be applied to any areas where pests congregate or have been seen.

Perimeter Band Treatment

To help prevent pest infestation of structures, create a treated zone or band on the structure, soil and vegetation around the entire perimeter of a structure. Apply solution to all surfaces within a band beginning 6 to 10 feet from the exterior foundation of the structure that extends back to the structure and then continues 2 to 3 feet up the exterior surface of the structure from the ground. Application volume will depend upon the nature of the surface being treated. Mulch areas, for example, require more volume and hard surface areas requiring less.

Control of Specific Structural Pests Outdoors

Ants (Nuisance ants other than Carpenter Ants) Outdoors: To achieve the highest level of control, locate and directly treat ant nests. Apply solution to ant trails, around doors and windows and at points where ants can be expected to forage or congregate.

For Ant (including Fire Ant) Mounds: Treat mounds and area within a 2 foot radius of the center of the mound with 1-2 gallons of a 0.06% solution. When mounds exceed 12 inches in size use the highest volume of solution. Applications in cool weather (65 to 80 degrees F) or the cooler parts of the day are most effective. Do not apply treatment during the heat of the day.

Bees, Wasps, Hornets, and Yellow Jackets: Always use the highest rate. Make application in late evening when insects are at rest at the nest for best results and to avoid stings. Spray nest openings in ground, in bushes and wherever insects may be nesting. Spray to the point of saturation. Spray as many insects as possible. Remove and destroy treated nests to prevent emergence of newly hatched insects.

Boxelder Bug: Apply directly to where insects have congregated at points of entry. It may be necessary to also treat trees.

Centipedes, Earwigs, Beetles, Millipedes, Pillbugs, Sowbugs: Thoroughly treat mulch areas. The reduction of moisture in mulch areas may also aid in control of these pests.

Mosquitoes: Apply solution to lawns and landscaping, under decks and to building foundations. Refer to *APPLICATIONS FOR ORNAMENTAL PESTS* section for mixing and applying large amounts of solution against mosquitoes.

Fleas and Ticks: Treat the entire area where insects could be present. Begin treatments in the spring. Insects may be re-introduced by host animals in the surrounding area. Retreatment may be necessary to achieve and maintain control during periods of high pest pressure.

IMPREGNATION OF MAXXTHOR SC GC ON DRY BULK FERTILIZERS

For convenience, Maxxthor SC GC may be impregnated on dry bulk fertilizers. Maxxthor SC GC should be proportionally mixed into the fertilizer such that when the fertilizer is applied, the amount of Maxxthor SC GC active ingredient delivered per unit of area using this method is identical to that achieved when Maxxthor SC GC is applied mixed in water.

Impregnation: Use at least 100 pounds of fertilizer to deliver Maxxthor SC to each acre of treated area. Impregnate Maxxthor SC GC into the fertilizer using a method proven to distribute a liquid solution evenly throughout a dry bulk substance such as a rotary mixer equipped with a spray apparatus designed to uniformly apply a liquid evenly to a tumbling mass.

Choose the fertilizer to mix with Maxxthor SC GC based on local turf fertilizer requirements. There may be differences in the capacity of fertilizers to absorb the amount of liquid necessary to deliver the Maxxthor SC GC to the fertilizer. When the fertilizer can absorb all of the liquid, no additional precautions are needed to obtain a satisfactory dry mixture. If the absorptive capacity of the chosen fertilizer is insufficient to absorb the amount of water needed to correctly mix the Maxxthor SC GC with the fertilizer and remain dry, the excess moisture may be removed by mixing a highly absorptive powder (such as Microcel E made by the John Mansville Corporation) into the fertilizer at a rate of 2% of the weight of the fertilizer or less. **DO NOT** impregnate straight coated ammonium nitrate or straight limestone with Maxxthor SC GC as these materials will not absorb the insecticide. However, dry fertilizer blends that contain mixtures of these ingredients may be impregnated with Maxxthor SC GC.

Bulk fertilizer impregnated with Maxxthor SC GC should be applied immediately, not stored. All individual Federal and State regulations relating to the blending, labeling and use of fertilizer mixtures should be followed and no directions contained here should be interpreted as a waiver of these requirements.

IMPORTANT READ BEFORE USE

NOTICE: Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

CONDITIONS OF SALE: The Directions for Use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond the control of Ensysstex II, Inc., it is impossible for Ensysstex II to eliminate all risks associated with the use of this product such as ineffectiveness or unintended consequences. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Ensysstex II harmless for any claims relating to such factors.

DISCLAIMER OF WARRANTIES: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when used in accordance with the Directions for Use under normal conditions of use. ENSYSTEX II MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, under abnormal conditions or under conditions not reasonably foreseeable by (or beyond the control of) seller or Ensysstex II, Inc., and buyer assumes the risk of any such use.

LIMITATIONS OF LIABILITY: To the extent permitted by law, Ensysstex II shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENSYSTEX II AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT,

NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENSYSTEX II, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

Maxxthor is a registered trademark of Ensysstex II, Inc.



United States
Environmental Protection Agency
Washington, DC 20460

☒ Registration
☐ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 81824- <i>A</i>	2. EPA Product Manager G. LaRocca	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) Ensystex II, Inc. / Maxxthor SC GC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Ensystex II, Inc. c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>279-3156</u> Product Name <u>Talstar GC Flowable Insecticide/Miticide</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This application falls under Category R30 (85: New product, Me-Too, Fast Track) because it is an application for registration (using the cite-all method of support) for an end-use product that is substantially similar in formulation to a currently registered product (refer to attached cover letter) and no data are being submitted with the application for registration. The fee due is \$1050 and the decision timeline is 3 months. Please email the fee for service invoice to: fees@PyxisRC.com.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 3/4 gal., 1 gal., 5 gallons		5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)					
Name Michael Kellogg		Title Agent		Telephone No. (Include Area Code) (253) 853-7499	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature <i>Michael Kellogg</i>		3. Title Agent			
4. Typed Name Michael Kellogg		5. Date <i>11/10/06</i>			

PYXIS REGULATORY CONSULTING, INC.

4110 136th St. NW
Gig Harbor, WA 98332

Phone: 253-853-7369
Fax: 253-853-5516
www.PyxisRC.com

CONTAINS CONFIDENTIAL BUSINESS INFORMATION

January 11, 2006

COURIER DELIVERY


George LaRocca (PM 13)
Document Processing Desk (APPL)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1801 Bell Street
Arlington, VA 22202-4501

RE: Ensystex II, Inc. – Maxxthor SC GC (EPA Reg. No. 81824-)
Application for New Pesticide Registration

Dear Mr. LaRocca,

On behalf of Ensystex II, Inc. please find the enclosed application for registration of Maxxthor SC GC, an end-use product containing bifenthrin as the active ingredient. In support of this application, we submit the following documents:

1. Copy of the cover letter with confidential business information redacted
2. Application for a New Pesticide Registration (EPA Form 8570-1)
3. Confidential Statements of Formula (Basic and Alternate formulation dated January 9, 2006) (EPA Form 8570-4)
4. Five (5) Copies of the Proposed Labeling
5. Certification with Respect to Citation of Data (EPA Form 8570-34)
6. Agency Internal Use Copy of the Data Matrix (EPA Form 8570-35)
7. Public File Copy of the Data Matrix (EPA Form 8570-35)
8. Letter of Authorization



Ensystex believes this product falls under Category R30 (85: New product, me-too, fast track) because it is an application for registration of an end-use product that is substantially similar in formulation to a currently registered product and no data are being submitted nor will be required to be reviewed. The fee due is \$1050 and the decision timeline is 3 months.

We trust you will find this application complete. However, please feel free to call me if you have any questions or need any additional information.

Sincerely,



Michael Kellogg

Enclosures

cc: David Nimocks; Ensystex II, Inc.

